



BID SUBMISSION CHECKLIST

AMBULANCES
BA# 25-2022

Each bidder should complete this form, **INITIAL** each entry, sign and date at the bottom and submit with bid.

- _____ 1. Bid Form Page(s)
- _____ 2. Bidder Signature Page – *follow instructions and fill out completely*
- _____ 3. Statement of Ownership Disclosure (2 pages) – *fill out completely*
- _____ 4. Non-Collusion Affidavit – *fill out completely and notarize*
- _____ 5. Disclosure of Investment Activities in Iran
- _____ 6. Americans with Disabilities Form
- _____ 7. Copy of a State of New Jersey **Business Registration Certificate (“BRC”)** issued in the company name of the bidder and in the names of any subcontractors, if applicable
- _____ 8. References
- _____ 9. Certification of Non-Debarment for Federal Government Contracts
- _____ 10. Byrd Anti-Lobbying Amendment Certification
- _____ 11. Certification Regarding Lobbying
- _____ 12. Disclosure of Lobbying Activities (LLL Form)
- _____ 13. Addenda Receipt Form – **ONLY INCLUDE IF ADDENDA(S) WERE RECEIVED**
- _____ 14. Warranty
- _____ 15. Manufacturer’s Paint Warranty
- _____ 16. References
- _____ 17. Operator & Parts Manual(s)
- _____ 18. QVM Certification
- _____ 19. Service Shop Radius Map
- _____ 20. CAD Drawings of Patient Area Interior & Module Body

NAME OF BIDDER: _____

DATE: _____

COUNTY OF UNION

Notice to Bidders

SEALED BIDS will be received by the Director of the Division of Purchasing of the County of Union, New Jersey or her designee on October 13, 2022 at **2:30 p.m.** prevailing time in the **3rd Floor Conference Room**, U.C. Administration Building, 10 Elizabethtown Plaza, Elizabeth, New Jersey for:

BA# 25-2022 – AMBULANCES

in accordance with the specifications and forms of the bid packages furnished by the Division of Purchasing. The County reserves the right to reject any and all bids and to waive any and all informalities in the bid.

Bids shall be submitted in a sealed envelope and clearly marked with the subject of the bid, name and address of the bidder, phone & fax number, and date of the bid opening. Each bid must be delivered to reach the Division of Purchasing prior to the stated time of the opening of the bids. **No** late bids will be accepted. The County will not be responsible for late delivery by the U.S. Mail or any other carrier. If hand delivered, please note that parking and security access at the County Complex may cause delays and bidders should take them into consideration in order to submit a timely bid. **No** late bids will be accepted.

Bidders are required to comply with the requirements of N.J.S.A. 10:5-31 et. seq. and N.J.A.C. 17:27.

Bid packages may be obtained by registering and downloading at <http://ucnj.org/bid-specs> or in person from the Division of Purchasing (3rd floor), Union County Administration Building, 10 Elizabethtown Plaza, Elizabeth, New Jersey 07207 or via U.S. Mail per request. Fax requests for bid packages to 908-558-2548 or call 908-527-4130.

Michelle Hagopian, Assistant Director of Purchasing

GENERAL SPECIFICATIONS

Revised 10/18/2021
Commodities

RECEIPT OF BIDS

The Division of Purchasing will receive sealed bids for this work at the Union County Administration Building, 10 Elizabethtown Plaza, Elizabeth, New Jersey 07207 on the date and time and in the room noted on the sheet marked "Notice to Bidders".

Bids for this work should be enclosed in a sealed envelope addressed to the Purchasing Division, County of Union, New Jersey, Union County Administration Building, 10 Elizabethtown Plaza, Elizabeth, New Jersey 07207, with the full name of the bid and the bid opening date and time clearly marked on the outside. Any outer shipping container must be marked in the same way. Refer to the sheet marked "Notice to Bidders" for the correct name of the bid and the bid opening date.

The County will not assume responsibility for bids forwarded by U.S. mail or any other delivery service. It is the bidder's responsibility to see that the bids are presented to the Purchasing Division at the time and place designated. Under no circumstances will a bid be accepted after the time designated for the bid opening.

All Bid Form pages are to be filled out with a typewriter or pen and ink. The bidder in ink must initial erasures or alterations. Bid prices will be accepted only on the Bidding Sheet supplied. Unit prices and totals must be inserted in the space provided. In the event of a discrepancy between the unit price given and the extended total, the unit price shall govern.

All delivery costs (FOB: Union County Ship To Address) shall be included in the total bid prices, unless the bid specifications specifically state otherwise.

Alternate bids will not be accepted unless specifically requested.

N.J.S.A. 54:32B-1 et seq. exempts all materials sold to the County of Union from sales or use taxes and these should not be included in the prices provided on the Bidding Sheet.

The Bidder's Signature Page, Non-Collusion Affidavit, and Bidder's Disclosure Statement must be completely filled out and submitted in the sealed bid. If specified, Equipment Statement, Experience Statement, Bid Bond, Consent of Surety, N.J. Public Works Contractor's Registration Certificate, a State of New Jersey Department of the Treasury Business Registration Certificate and List of Subcontractors must also be included in the sealed bid. Refer to the Bid Document Submission Checklist for all required documents.

Bidders shall be required to furnish their literature and or samples where feasible and specifications of the items proposed to be supplied along with the sealed bid.

BID AND PERFORMANCE GUARANTEE

If specified, each bidder must furnish a guarantee in the form of a Bid Bond, Certified Check or Bank Cashier's Check in the required amount as specified on the Bid Document Submission Checklist page. Checks shall be drawn to the order of the County of Union, New Jersey.

If specified, each bidder must furnish with the bid, the Consent of Surety form signed by a Surety Company stating that if the bid is accepted the Surety Company which provides the Consent shall be required to furnish a Performance Bond in the amount as specified on the Bid Document Submission Checklist page. Such Surety Company will provide the Contractor with Bonds guaranteeing the faithful performance of the work in accordance with the specifications, and the payment for labor, materials, and all other indebtedness which may accrue on the account of this work. The Performance Bond will be required at the time of the signing of the Contract and will be written by a firm authorized to issue the bonds under the laws of the State of New Jersey and be in a form acceptable to the County Counsel. The County of Union has provided its Consent of Surety form for your use. The use of this form by your Surety Company will expedite the bid review process and eliminate the possibility of having your bid rejected. If, however, you should need to use another form, please use language similar to that used on the Union County form and avoid making any additions or deletions to the Union County form language. The Performance Bond will have a term equal to the entire contract period. In lieu of the Consent of Surety, the Bidder **MAY** submit a Certified Check for the required amount

The County will return all bid guarantees after the bids have been opened, read, tabulated and checked except those of the three (3) bidders whose bids are considered the lowest, responsible, responsive bids. The bid guarantees of the low three (3) bidders will be returned within ten (10) days of the date of the award of the contract.

If the successful bidder refuses or neglects to sign the said Agreement and/or fails to furnish the required performance bond, the Surety of such bidder will be held and used by the County as liquidated damages for such refusal or neglect.

3. QUALIFICATION OF BIDDERS

The County of Union **MAY** make such investigation, as it deems necessary to determine the ability of bidder to perform the work. The County of Union reserves the right to reject any bid if investigation of such bidder fails to satisfy the County of Union that such bidder is properly qualified to carry out obligations of Contract, and to complete work contemplated therein.

Bidders are required to submit the names and addresses of the officers or principals of the Corporation, firm or partnership submitting a proposal or bid. Failure to comply will result in the rejection of such bid as non-responsive.

The County of Union has the right to reject any and all bids from any bidder that is in, or contemplates bankruptcy of any chapter or nature. Said bidder shall notify the County, in writing, of any condition or knowledge of the same.

4. RESERVATIONS

The County reserves the right to reject any or all bids and also reserves the right to waive any non-material defects in the bids received. The contractor shall not assign, transfer, convey, sublet or otherwise dispose of the contract or any part thereof to anyone without the written consent of the County of Union, New Jersey.

AWARD AND EXECUTION OF CONTRACTS

The County of Union, in accordance with N.J.S.A. 40A:11-24, shall award the contract or reject all bids within 60 days; except that the bids of any bidders who consent thereto **MAY**, at the request of the County be held for consideration for such longer periods as may be agreed.

When two or more low bids are equal in all respects, awards will be made according to the provisions of N.J.S.A. 40A:11-6.1(d).

6. BRAND NAMES

Whenever an item specified by manufacturer's model number, brand or trade name, it is understood that such description is only for the purpose of defining the level of quality desired, and does not in any way restrict bidding to the named brand. Bids on other brands **MAY** be submitted by any responsible supplier, provided such brands are equal to or better than the one named in the specifications. However, the burden of proof as to the comparative quality and suitability of alternate or substitute equipment, articles or materials lies with bidder and, he shall furnish, at his own expense, all information necessary or related thereto as required by the County of Union. The County of Union shall be the sole judge as to the comparative quality and suitability of alternate or substitute equipment, articles or materials, and the decision shall be final.

The trade name(s) or brand name(s) offered must be shown on the vendor's response bid form pages.

7. PATENT CLAIMS

The successful bidder (contractor) shall protect and save the County harmless from all and every demand for damages, royalties, or fees on any patented invention used by it in connection with the supplies furnished under this contract hereunder, and it shall be the duty of the contractor, if so demanded by the County, to furnish said County with a proper legal release or indemnity from and against all such claims and any and all payments due under such contract are furnished if the County so elects.

8. PREFERENCE FOR DOMESTIC PRODUCTS

Each local unit shall provide, in the specifications for all contracts for county or municipal work or for work for which it will pay any part of the cost, or work which by contract or ordinance it will ultimately own and maintain, that only manufactured and farm products of the United States, wherever available, be used in such work.

9. INSURANCE REQUIREMENTS

Vendor shall procure and maintain at all times while the contract is in full force and effect, the following insurance coverage with an insurance company or companies acceptable to the County, with limits not less than those shown below. A Certificate of Insurance shall be filed with the County prior to commencement of the work reflecting the following:

Commercial General Liability (CGL): Coverage for all operations including, but not limited to, contractual, products and completed operations, and personal injury with limits no less than \$1,000,000 per occurrence/\$2,000,000 aggregate. The County of Union, its Board of County Commissioners, officers, employees, agents, servants and the State of New Jersey; are included as Additional Insured. The General Liability Insurance coverage is provided on primary and non-contributory basis to the County of Union, et al.

Automobile Liability: Coverage for all owned, non-owned and hired vehicles with limits not less than \$1,000,000 per occurrence, combined single limits (CSL) or its equivalent.

Workers Compensation: As required by the State of New Jersey and Employers Liability with limits not less than \$1,000,000 per accident for bodily injury or disease.

Where applicable, a waiver of subrogation in favor of the County of Union, its Board of County Commissioners, officers, employees, agents, servants is to be included in those policies of insurance where permitted by law.

Notice of Cancellation: Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the Entity.

***Special Risks or Circumstances:** The County reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

10. INDEMNIFICATION REQUIREMENTS

The Supplier shall indemnify, defend and hold harmless the County and its agents and employees from and against all claims, damages, losses and expenses, including attorney's fees, arising out of or resulting from the performance of the contract which is attributable to personal injury, including bodily injury, property damage and the loss of use resulting therefrom, or the loss of use of tangible property, which has not been physically injured or destroyed, and is caused in whole or in part by an act or omission of the Supplier, any subcontractor of the supplier, any one directly or indirectly employed by any of them or anyone for whose acts any of them may be liable.

11. NON-DISCRIMINATION

The parties to this contract do hereby agree to comply with the provisions of N.J.S.A. 10:2-1 through 10:2-4, N.J.S.A. 10:5-31 through 10:5-38, et seq. (P.L. 1975, c. 127), dealing with discrimination in employment on public contracts and the rules and regulations promulgated pursuant thereunto are hereby made a part of this contract and are binding on them. The bidder agrees that it will not discriminate against any employee who is employed in the work to be covered by any contract resulting from this bid because of color, race, creed, religion, national origin or ancestry.

12. AMERICANS WITH DISABILITIES ACT OF 1990

Discrimination on the basis of disability in contracting for the delivery of services is prohibited. Respondents are required to read the Americans with Disabilities language that is part of the documents attached hereto and agree that the provisions of Title II of the Act are made part of the contract. The contractor is obligated to comply with the Act and hold the owner harmless.

13. INVESTMENT ACTIVITIES WITH IRAN

Pursuant to P.L. 2012, c.25, codified as NJSA 52:32-55 *et seq.*, prohibits State and local public contracts with persons or entities engaging in certain investment activities in energy or finance sectors of Iran.

14. AFFIRMATIVE ACTION REQUIREMENT

REQUIRED AFFIRMATIVE ACTION EVIDENCE – General Requirements of P.L. 1975, c. 127. You are hereby put on notice that:

Procurement, Professional & Service Contracts; all successful vendors must submit within seven (7) days of the notice of intent to award or the signing of the contract one of the following:

- A photocopy of your Federal Letter of Affirmative Action Plan Approval.
- A photocopy of your Certificate of Employee Information Report.
- A completed Affirmative Action Employee Information Report (AA302).

If the successful vendor does not submit the affirmative action document within the seven (7) days, the County of Union will declare the vendor as being non-responsive and award the contract to the next lowest bidder.

15. TERMINATION OF CONTRACT

If, through any cause, the successful Supplier fails to fulfill in timely and proper manner its contractual obligations, or if the Supplier violates any of the warranties or stipulations of its contract, the County will thereupon have the right to terminate such contract by giving ten days written notice to the Supplier of such termination and cause therefore, and specifying the effective date of such termination.

In addition, Union County may terminate the Contract without cause by first giving thirty (30) days prior written notice of its intent to do so. Notice hereunder shall be deemed to have been sufficiently given if given in person to the Supplier, or sent by registered mail at the addresses specified in the Contract.

16. RIGHT TO KNOW ACT

The provisions of N.J.S.A. 34:5A-1 *et seq.* and N.J.A.C 5:89-5 *et seq.*, which require the labeling of all containers of hazardous substances are applicable to this contract. Therefore, all goods offered for purchase to the County or used by a contractor in the course of any construction, maintenance, repair or performance of a concession must be labeled and stored by the contractor in compliance with the provisions of the Act. Containers that the law and rules require to be labeled shall show the Chemical Abstracts Service number of all the components and the chemical name. Further, all applicable Material Safety Data Sheets (MSDS) aka hazardous substance fact Sheet, must be furnished.

17. FEDERAL TERMS

TERMS AND CONDITIONS APPLICABLE TO ALL CONTRACTS/PURCHASES FUNDED, IN WHOLE OR IN PART, BY FEDERAL FUNDS.

The provisions set forth below apply to all contracts funded, in whole or in part, by Federal funds as required by 2 CFR 200.317.

CONTRACTING WITH SMALL AND MINORITY BUSINESSES, WOMEN'S BUSINESS ENTERPRISES, AND LABOR SURPLUS AREA FIRMS

Pursuant to 2 CFR 200.321, the State must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible. Accordingly, if subawards are to be made the Contractor shall:

- (1) Include qualified small and minority businesses and women's business enterprises on solicitation lists;
- (2) Assure that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;

- (3) Divide total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
- (4) Establish delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises; and,
- (5) Use the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

DOMESTIC PREFERENCE FOR PROCUREMENTS

Pursuant to 2 CFR 200.322, where appropriate, the State has a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). If subawards are to be made the Contractor shall include a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). For purposes of this section:

- (1) "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
- (2) "Manufactured products" means items and construction materials composed in whole or in part of nonferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber.

PROCUREMENT OF RECOVERED MATERIALS

Where applicable, in the performance of contract, pursuant to 2 CFR 200.323, the contractor must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$ 10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

To the extent that the scope of work or specifications in the contract requires the contractor to provide recovered materials the scope of work or specifications are modified to require that as follows.

In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired—

1. Competitively within a timeframe providing for compliance with the contract performance schedule;
2. Meeting contract performance requirements; or
3. At a reasonable price.

Information about this requirement, along with the list of EPA- designated items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.

The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act."

EQUAL EMPLOYMENT OPPORTUNITY

Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." See, 2 CFR Part 200, Appendix II, para. C.

During the performance of this contract, the contractor agrees as follows:

The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:

Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

The contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his/her books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

When required by Federal program legislation, all prime construction contracts in excess of \$2,000 shall be done in compliance with the Davis-Bacon Act (40 U.S.C. 3141- 3144, and 3146-3148) and the requirements of 29 C.F.R. pt. 5 as may be applicable. The contractor shall comply with 40 U.S.C. 3141-3144, and 3146-3148 and the requirements of 29 C.F.R. pt. 5 as applicable. Contractors are required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. Additionally, contractors are required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency.

COPELAND ANTI-KICKBACK ACT

Where applicable, the Contractor must comply with Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States").

- a. Contractor. The Contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into the OGS centralized contract.
- b. Subcontracts. The Contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- c. Breach. A breach of the clauses above may be grounds for termination of the OGS centralized contract, and for debarment as a Contractor and subcontractor as provided in 29 C.F.R. § 5.12.

CONTRACT WORK HOURS AND SAFETY STANDARDS ACT, 40 U.S.C. 3701-3708

Where applicable, all contracts awarded by the non-Federal entity in excess of \$ 100,000 that involve the employment of mechanics or laborers must comply with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5).

Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.

Withholding for unpaid wages and liquidated damages. The unauthorized user shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT

If the Federal award meets the definition of "funding agreement" under 37 CFR § 401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit

Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

CLEAN AIR ACT, 42 U.S.C. 7401-7671Q, AND THE FEDERAL WATER POLLUTION CONTROL ACT, 33 U.S.C. 1251-1387, AS AMENDED

Where applicable, Contracts and subgrants of amounts in excess of \$150,000, must comply with the following:

Clean Air Act

The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

The contractor agrees to report each violation to the Division of Purchase and Property and understands and agrees that the Division of Purchase and Property will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

Federal Water Pollution Control Act

The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

The contractor agrees to report each violation to the Division of Purchase and Property and understands and agrees that the Division of Purchase and Property will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

DEBARMENT AND SUSPENSION (EXECUTIVE ORDERS 12549 AND 12689)

This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the contractor is required to verify that none of the contractor's principals (defined at 2 C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).

The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.

This certification is a material representation of fact relied upon by the State or authorized user. If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the State or authorized user, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

BYRD ANTI-LOBBYING AMENDMENT, 31 U.S.C. 1352

Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

PROHIBITION ON CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT

(a) Recipients and subrecipients are prohibited from obligating or expending loan or grant funds to:

(1) Procure or obtain;

(2) Extend or renew a contract to procure or obtain; or

(3) Enter into a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115–232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).

(i) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).

(ii) Telecommunications or video surveillance services provided by such entities or using such equipment.

(iii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

CONTRACTS FOR MORE THAN THE SIMPLIFIED ACQUISITION THRESHOLD

Contracts for more than the simplified acquisition threshold, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

TERMINATION FOR CONVENIENCE PROVISION

All contracts in excess of \$10,000 must address termination for cause and for convenience by the non-Federal entity including the manner by which it will be effected and the basis for settlement.

BONDING REQUIREMENTS

For construction or facility improvement contracts or subcontracts exceeding the Simplified Acquisition Threshold, the Federal awarding agency or pass-through entity may accept the bonding policy and requirements of the non-Federal entity provided that the Federal awarding agency or pass-through entity has made a determination that the Federal interest is adequately protected. If such a determination has not been made, the minimum requirements must be as follows:

(a) A bid guarantee from each bidder equivalent to five percent of the bid price. The “bid guarantee” must consist of a firm commitment such as a bid bond, certified check, or other negotiable instrument accompanying a bid as assurance that the bidder will, upon acceptance of the bid, execute such contractual documents as may be required within the time specified.

(b) A performance bond on the part of the contractor for 100 percent of the contract price. A “performance bond” is one executed in connection with a contract to secure fulfillment of all the contractor's requirements under such contract.

(c) A payment bond on the part of the contractor for 100 percent of the contract price. A “payment bond” is one executed in connection with a contract to assure payment as required by law of all persons supplying labor and material in the execution of the work provided for in the contract.

EXHIBIT A

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE

N.J.S.A. 10:5-31 et seq. (P.L.1975, c.127)

N.J.A.C. 17:27 et seq.

GOODS, GENERAL SERVICES, AND PROFESSIONAL SERVICES CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

**Letter of Federal Affirmative Action Plan Approval;
Certificate of Employee Information Report; or
Employee Information Report Form AA-302 (electronically provided by the Division and distributed to the public agency through the Division's website at: http://www.state.nj.us/treasury/contract_compliance.**

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Purchase & Property, CCAU, EEO Monitoring Program as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase & Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to N.J.A.C. 17:27-1.1 et seq.

BUSINESS REGISTRATION CERTIFICATE

Pursuant to N.J.S.A. 52:32-44, the County of Union (“Contracting Agency”) is prohibited from entering into a contract with an entity unless the bidder/proposer/contractor, and each subcontractor that is required by law to be named in a bid/proposal/contract has a valid Business Registration Certificate on file with the Division of Revenue and Enterprise Services within the Department of the Treasury.

Prior to contract award or authorization, the contractor shall provide the Contracting Agency with its proof of business registration and that of any named subcontractor(s).

Subcontractors named in a bid or other proposal shall provide proof of business registration to the bidder, who in turn, shall provide it to the Contracting Agency prior to the time a contract, purchase order, or other contracting document is awarded or authorized.

During the course of contract performance:
the contractor shall not enter into a contract with a subcontractor unless the subcontractor first provides the contractor with a valid proof of business registration.
the contractor shall maintain and submit to the Contracting Agency a list of subcontractors and their addresses that may be updated from time to time.
the contractor and any subcontractor providing goods or performing services under the contract, and each of their affiliates, shall collect and remit to the Director of the Division of Taxation in the Department of the Treasury, the use tax due pursuant to the Sales and Use Tax Act, (N.J.S.A. 54:32B-1 et seq.) on all sales of tangible personal property delivered into the State. Any questions in this regard can be directed to the Division of Taxation at (609)292-6400. Form NJ-REG can be filed online at <http://www.state.nj.us/treasury/revenue/busregcert.shtml>.

Before final payment is made under the contract, the contractor shall submit to the Contracting Agency a complete and accurate list of all subcontractors used and their addresses.

Pursuant to N.J.S.A. 54:49-4.1, a business organization that fails to provide a copy of a business registration as required, or that provides false business registration information, shall be liable for a penalty of \$25 for each day of violation, not to exceed \$50,000, for each proof of business registration not properly provided under a contract with a contracting agency.

Emergency Purchases or Contracts

For purchases of an emergent nature, the contractor shall provide its Business Registration Certificate within two weeks from the date of purchase or execution of the contract or prior to payment for goods or services, whichever is earlier.

Proof of business registration shall be:

A copy of a Business Registration Certificate issued by the Department of the Treasury, Division of Revenue; or
A copy of the web printed version provided by the NJ Division of Revenue

Register online at www.nj.gov/treasury/revenue/busregcert.shtml. Click the “online” link and then select “Register for Tax and Employer Purposes or call the Division at 609-292-9292.

Note: A N.J. Certificate of Authority is not acceptable.

If possible, please submit all required proof of registration with the initial bid submission. Failure to submit proof of registration of the Proposer or any subcontractor named on the bid could delay the awarding of the bid, or result in the bid being rejected later. This is a non-waivable defect. This applies to construction bids, as well as non-construction bids.

INTENT: It is the purpose and intent of this specification to provide for the purchase and delivery of **Five (5) Ambulances** for the County of Union (The County). The County has evaluated different types of ambulances and has determined that a **2023 FORD F-550 4X4, 193, GAS** with any and all specified accessories and features is best suited for the needs of the County pertaining to safety, quality, performance, and long term operational costs. This specification is not to be interpreted as restrictive, but rather as a measure of the safety, quality and performance against which all bids will be compared. The County reserves the right to reject any or all bids or any part thereof, and to waive any minor technicalities.

EQUIVALENT PRODUCT: Bids will be accepted for consideration on any make or model that is equal to or superior to the **Ambulances** specified. Further, equivalent products for all accessories carrying a brand name will also be considered. Variations of any features of a proposed equivalent product from the features of the specified brand name may be acceptable if judged to be in the best interest of The County. Decisions of equivalency will be at the sole interpretation of The County. A blanket statement that products proposed will meet all requirements will not be sufficient to establish equivalence. Brochures published by the original manufacturer of the proposed unit should be submitted with the proposal. Bidder must be prepared to demonstrate a unit similar to the one proposed, post bid.

STANDARD: The specification herein states the minimum requirements of The County. Unauthorized conditions, limitations, or provisions will be cause for rejection. The County may consider as “irregular” or “non-responsive” and reject any bid not prepared and submitted in accordance with the bid document and specification, or any bid lacking sufficient technical literature to enable The County to make a reasonable determination of compliance to the specification. It will be the bidder’s responsibility to carefully examine each item of the specification. Failure to offer a completed bid or failure to respond to each section of the technical specification (COMPLY: YES/NO) will cause the proposal to be rejected without review as “non-responsive”. All variances, exceptions and/or deviations should be fully described in the appropriate section.

AWARD OF CONTRACT: The contract will be awarded to the lowest responsible, responsive bidder and is subject to the availability and appropriation of sufficient of funds by the County of Union pursuant to N.J.S.A. 40A:11-15.

PAYMENT: Payment to Vendor is to be made within forty-five (45) days after the receipt of Vendor’s invoice and a signed County voucher attesting to the delivery of the goods and services by some officer or duly designated employee of the using County entity and after approval of the appropriate Department head. The Vendor shall prepare invoices and shall submit them to the office/designated employee of the using County entity. The vendor will not provide any goods and/or services without a valid and current purchase order from the County unit indicating account number and encumbrance.

OPTIONS: In the case of a discrepancy/contradiction between the standard equipment and the optional equipment specified, the optional equipment indicated shall always prevail.

Total price to include all items listed in the specifications, freight, preparation, and delivery.

DELIVERY TIME: Should be within 730 days of awarding the bid.

DELIVERY: 400 North Ave E., Westfield NJ 07090. To schedule, contact Christopher Scaturo, Director at 908-654-9881

PRE-CONSTRUCTION MEETING: Division of Emergency will have a pre-construction meeting with the successful bidder to review specifications and placement of smaller items. Location: 400 North Ave E., Westfield NJ 07090. To schedule, contact Christopher Scaturo, Director, at 908-654-9881

Any questions regarding the bid can be emailed to ucbids@ucnj.org or faxed to the Division of Purchasing, clearly marked with the BID # and BID NAME, at (908) 558-2548. If necessary, the Purchasing Director will then issue a clarification.

AMBULANCE SPECIFICATIONS

GENERAL/MINIMUM REQUIRED STANDARDS

The benchmark for the initial configuration of this ambulance is be the current KKK-A-1822 Federal Specification for Ambulances, NFPA 1917 Standard for Automotive Ambulances, or CAAS GVS V.1.0 certification. All current Federal Motor Vehicle Safety Standards (FMVSS) must be met, as well as all current Federal Ambulance Design specifications

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The manufacturer shall also comply with Ford Motor Company's QVM program. A copy of the manufacturer's current QVM certification must be submitted with the bid. The current QVM certification is included.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

To simplify warranty coverage and to assure a consistent level of quality throughout the vehicle, a manufacturer is desired that manufactures the major components for the ambulance (excluding the chassis). Major components are defined as the module body, the interior cabinets, and the converter-added electrical system. The County of Union acknowledges that manufacturers may purchase some elements, such as switches, boards, etc. with which to manufacture a system.

Further, this specification requires the vehicle manufacturer to own the design of, as well as the rights to, the onboard converter-added electrical system. Generic aftermarket systems that are manufactured by an outside company and installed by the vehicle converter will not be acceptable.

These requirements are addressed elsewhere within this specification where the specific defined items are located. Manufacturers who outsource any of the above-referenced components shall be considered non-responsive and will be rejected.

Bidder states that the represented vehicle builder manufactures all of the major components as defined above:

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Bidder states that the represented vehicle builder owns the design of the converter-added electrical system, as well as all rights to that system and any software that may be required:

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Component manufacturer (by company name):

Modular Body: _____

Interior Cabinets: _____

Electrical Wiring System: _____

WARRANTY:

The proposal shall include all warranties that are required in the following detailed specification. Lifetime warranties will not be accepted because of their unclear nature of duration. All warranties must have specific time durations and shall define warranties on specific components. The minimum acceptable warranty periods are noted below. In the blank lines the bidder shall note the terms of the warranties that apply to the manufacturer being proposed.

MODULAR BODY STRUCTURAL WARRANTY: 30 years/Unlimited Miles

Proposed warranty term: _____ years/_____ Miles

Note: The structural warranty, as noted in the structural section of this specification, will include the module doors, continued module body door alignment, and all interior cabinet construction.

Does the structural warranty proposed comply with the above-stated terms and conditions? Yes _____ No _____

ELECTRICAL WARRANTY: 7 years/100,000 Miles

Proposed warranty term: _____ year(s), _____ Miles

CONVERSION WARRANTY: 2 Years/24,000 Miles

Proposed warranty term: _____ year(s), _____ Miles

PAINT WARRANTY: 7 Years/84,000 Miles

Proposed warranty term: _____ year(s), _____ Miles

The following schedule shall apply in regard to any claims submitted for paint under this warranty:

0 – 4 years = 100% / 5 years = 50% / 6 years = 35% / 7 years = 20%

Proposed warranty term: _____ year(s), _____ Miles

(No paint vendor warranties will be accepted)

For verification of the completed warranty terms stated above the bidder must include printed manufacturer’s warranty certificates that meet or exceed the minimum required periods stated above.

Are the manufacturers warranties included? Yes _____ No _____

NAME OF BIDDER: _____

Warranties shall be transferable for their duration. All warranties shall be from the manufacturer as opposed to a distributor or service center. If, however, the bidder feels that it is necessary to modify the manufacturer's warranties, then the bidder shall state why this modification is necessary. In addition, the bidder shall provide a full descriptive warranty certificate describing the warranty modification and the fact that it takes specific precedence over the warranty offered by the manufacturer. If no such certificate is provided, then the modified warranty shall be considered invalid and the manufacturer's warranty shall remain in force. If a warranty modification is proposed through either a distributor or service center, then complete financial statements for that business covering the past five (5) years shall be submitted with the bid.

Exact compliance: Yes____ No____

Are the warranties transferable? Yes____ No____

If yes explain: _____

Has the bidder modified the manufacturer's warranties? Yes____ No____

If yes, explain: _____

If yes was chosen above, has the bidder included modified written warranties? Yes____ No____

If no, explain: _____

If 'yes' was chosen above, has the bidder included financial statements, for the last five (5) years, of the warranty modifier? Yes____ No____

If no, explain: _____

NAME OF BIDDER: _____

SERVICE AVAILABILITY:

Service will be a major factor in the award of this proposal. Convenience and experience will be determining factors in defining acceptable service. A service facility within a radius as described below will be required. Personnel performing the service shall be trained by the manufacturer with emphasis in the area of electrical service.

Free pickup and delivery of the vehicles are required, for the lifetime of the vehicle as long as the entity owns vehicle.

Radius from purchaser: Not more than 15 miles.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Facility name: _____

Address: _____

City: _____ State: _____

Contact: _____

Phone #: 1-(____)-____-_____

Training Description: _____

Bidder shall be a licensed NJ New and Used Automobile dealer.

Bid complies _____

Bid does not comply _____

NAME OF BIDDER: _____

Bidder shall be a licensed NJ Auto Body Repair Facility.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

ENGINEERING SUPPORT:

Due to the complexity of the design of the vehicle, proposals will be accepted only from manufacturers that utilize well-defined engineering techniques. Computer Aided Design (CAD) drawings of both the interior of the patient area and the overall layout of the module body will be mandatory. At a minimum these drawings shall include all exterior elevations, all interior views (4), and a plan view of the roof/ceiling. All options and elements required within these specifications shall be depicted on the prints. The purpose of this requirement is to assure this purchaser that vehicle proposals indeed meet the stated requirements as set forth in these specifications. Generic CAD drawings are not acceptable. The drawings, as submitted, shall accurately depict the exact vehicle that is being proposed. The drawings shall be furnished in 8.5" x 11".

Are the required drawings included with this bid? Yes _____ No _____

NAME OF BIDDER: _____

SAFETY CERTIFICATION:

The verification of construction techniques used throughout the building process must be furnished by the manufacturer/bidder. The installation methods and construction techniques associated with seat belt retention, cabinet construction and installation, oxygen cylinder retention and module to chassis mounting systems must be verified through a controlled Hyge sled test that simulates an actual impact condition. This test must be performed, under both side and frontal impact conditions, by a testing agency that is independent of the manufacturer.

As proof of this verification process being performed, the bidder must provide the following information (leave blank if this is not a sled test being verified):

Testing Facility Name: _____

Date Tested: ____/____/____

'G' Force Tested To: _____ G's

The bidder must perform and certify to dynamic sled or impact testing run on the ambulance body. The body tested shall include normally installed components for each of the following areas of the vehicle. The body structure and installed components shall not show evidence of structural failure or separation from its mounted position as a result of the test. All test results must be witnessed and verified by a Registered Professional Engineer.

Test Required	Date	Tested Force Applied	Signed By
1. Body to Chassis Mounting	_____	_____	_____
2. Access Door Latching	_____	_____	_____
3. Oxygen Cylinder Mount (Main)	_____	_____	_____
4. Oxygen Cylinder Mount (Portable)	_____	_____	_____
5. Attendant Seat Mount	_____	_____	_____
6. Attendant Seat Belt	_____	_____	_____
7. CPR Seat Belt	_____	_____	_____
8. Squad Bench Seat Belt	_____	_____	_____
9. Retention of Main Cabinet Wall	_____	_____	_____
10. Crash Restraint Wall at Head of Bench	_____	_____	_____

The completed bid must be signed by a Registered Professional Engineer, attesting to compliance with this section.

SIGNATURE

DATE

NAME

TITLE

The testing, as described above, is to have been performed on a body built using the same materials and designs as those currently used by the manufacturer. Furthermore, the testing program must have been conducted on a continuous basis for a period of time not less than ten (10) years.

Date of first test: _____ Date of last test: _____

Has this specified body construction method been tested? Yes _____ No _____

If not, what body construction method was tested? _____

Has the testing program been in place for a period of at least ten (10) years? Yes _____ No _____

If the program has not been in place for at least ten (10) years, then how long has the testing program been in place?

Note: This requirement is in addition to the current minimum KKK, NFPA 1917 or CAAS requirements. Those requirements do not suffice as a substitute for this requirement as they do not address impact crash testing. It should also be noted that neither photographs of vehicles involved in accidents nor written observations of accident damage suffice to fulfill this requirement. This requirement will be fulfilled only when testing verification, signed by an accredited independent engineer, is furnished with the bid. The testing being described takes place in a controlled environment where meaningful data can be collected and used to further the design and safety of the vehicle. Bidders who submit photographs or written observations, from customers or manufacturers representatives, should note that such information is considered invalid and will not be a factor in the purchase decision.

Does the bidder understand these requirements?

Yes _____ No _____

Is the bidder certifying sled test compliance and NFPA 1917/Federal KKK/CAAS compliance (Y/N)?

Sled Testing _____
(Y/N)

KKK compliance _____
(Y/N)

NFPA _____
(Y/N)

CAAS _____
(Y/N)

Initials: _____

NAME OF BIDDER: _____

CHASSIS

CHASSIS, 2023 OR CURRENT MY FORD F-550 4X4, 193, GAS

CHASSIS SPECIFICATION:

See attached chassis specification.

CHASSIS ORDERED WITH STEEL WHEELS

The chassis should be ordered equipped with OEM steel wheels in lieu of aluminum.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

PASS THROUGH CAB/MODULE, F SERIES

There should be pass-through access between the cab and the patient compartment. A flexible weather-tight bellows should be installed around the perimeter of the opening between the back of the cab and the front of the module body.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

STAINLESS STEEL FULL COVERS, F550

Stainless steel DOT approved wheel inserts should be installed on all four outside wheels of the chassis.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

VALVE EXTENSIONS, STEEL WHEELS, F SERIES

The rear wheels should include braided stainless steel filler extensions. The extensions should be fastened to the center wheel hub with stainless steel brackets. Designs that do not incorporate the filler extensions will be unacceptable as they hinder inflation of the inner tires.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

STANDARD CAB HEIGHT

The body design and placement of components mounted either to the chassis or to the front of the body must take into account the cab height for the chassis selected.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

MUD FLAPS, REAR, LARGE W/LOGO

Install individual rear mud flaps behind each set of rear wheels. Mud flaps should be made of a durable heavy-duty rubber and are to be securely attached to the vehicle. Mudflaps should be sized appropriately for the chassis selected so as not to drag the ground and should include the vehicle manufacturer's color logo embedded into the material. Separate logos that are affixed to generic mudflaps will not be considered.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

REINFORCE REAR BUMPER END CAPS

The rear bumper end caps should be reinforced so as to improve impact resistance.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

RUNNING BOARDS: EMB.W/STAR PUNCH, F SERIES

Embossed diamond plate running boards should be installed on each side of the cab at the cab entry points. The running boards should be constructed with .125" thick 3003-H14 alloy polished aluminum diamond tread plate. The running boards should include splash shields at the forward end to protect the vehicle from spray and road debris and should include 'star punch' perforations along the stepping surface to enhance foot gripping and drainage.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

REAR TOW HOOKS

Two tow hooks, painted black, should be bolted to the rear bumper frame.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

REAR STEP/ BUMPER ASSEMBLY, F SERIES

The rear of the vehicle should be equipped with a step/bumper assembly to be fabricated from .125" polished aluminum diamond Treadplate. The assembly should be spaced out from the rear kick plate a minimum of 1.5". The center section of the assembly should pivot up and over center on two (2) .5" bolts to stay in the 'up' position. This section should be a minimum of 9.5" deep and should be constructed with grip-strut on the stepping surface to provide for better footing. The ends of the assembly should be fixed diamond tread plate. The distance between the top of the step and the ground should not be less than 16". The fold-up portion of the step should be firmly held down with two (2) pin and socket holders to prevent rattling while the vehicle is in motion.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

LIQUID SPRING SUSPENSION, F 550

The vehicle should include a Liquid Spring hydraulic rear suspension. The system should include a dump feature, wired through the left rear entry door magnetic switch, to lower the cot loading height. Manual controls for this system should be installed in the cab near the driver.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

FRONT STABILIZER BAR: FORD F-SERIES

The front OEM stabilizer bar should be removed and replaced with a Roadmaster aftermarket stabilizer bar.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

RECEIVER/DRYER KIT, FORD F-SERIES CHASSIS

A receiver/dryer kit with pressure switch should be installed in the air conditioning system.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

AMBULANCE BODY

The completed vehicle should have the following minimum dimensions:

- Height: 91"
- Width: 96.25"
- Length: 167"

(Interior)

- Height: 72"
- Aisle 48"
- Length: 163"

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

DESIGN REQUIREMENTS:

The module body should be designed and fabricated with the following key elements in mind:

1. The greatest possible load carrying capacity is desired.
2. The safety of all vehicle occupants is of paramount concern.
3. The body design, including construction materials and fabrication techniques should be proven to be durable.
4. The body should be easily retrofitted to a new chassis if needed.

With these concerns in mind the following requirements have been established for the purposes of this specification:

The vehicle converter should design and construct its own module bodies, and maintain an engineering staff at its manufacturing facility to handle any custom body changes that may be necessitated by this design.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

BODY CONSTRUCTION:

The construction process described within this specification will ensure that the body should remain structurally intact. However, to achieve this level of quality and durability, the module body, including all doors, should be constructed correctly initially. This specification requires that the module body, including all doors, be built within a tolerance of one five-thousandths of one inch. To achieve this the vehicle manufacturer should use, as standard practice, CNC machinery to provide for both accuracy and repeatability within the manufacturing process. Use of precision equipment will ensure that all door openings, door handles and latches, body windows, and warning light assembly installation locations are of the correct size and square to the body. Repeatability should translate to interchangeability between parts of the same construction. Parts manufactured via this method should be interchangeable with like parts to the extent that all extrusions, jambs, mounting holes, and any other fabricated component or characteristic can be directly installed in place of an existing like part on another unit. Cutting done by hand, such as with a jigsaw, is not desired unless it involves the chassis, or unless a warning light assembly should be located in such a way that it depends on the layout of the finished vehicle. (E.g. when a light should be centered within a paint stripe since the exact stripe location will not be determined until the module is built and mounted.) In addition, utilization of CNC equipment will simplify the production of replacement body panels in the event of an accident since the computer can duplicate a given part exactly. This includes documentation of all body light locations.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

PAYLOAD REQUIREMENTS:

The vehicle payload should meet or exceed that called for in the current KKK-A-1822 specification or NFPA 1917 standard. The vehicle manufacturer should, upon notice by this purchaser, provide a written statement from an independent engineer that the model being offered has met this set of criteria. Before delivery of the completed unit the manufacturer should weigh the vehicle. A written statement of those weights should be affixed to the inside of the street side front #1 compartment door. reserves the right to have the finished vehicle weighed independently upon delivery. If it is found that the written statement of weight provided by the manufacturer is inaccurate beyond what may be reasonably explained as a slight difference in the calibration of the scales, then the vehicle will be rejected. The structural requirements of a strong, durable, and safe body supersede concern over payload, and that the lightest body (greatest payload) will not necessarily be deemed sufficient to meet the stringent quality and safety requirements set forth herein.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Materials and workmanship of the module body for a period of thirty (30) years as set forth in the warranty section of this specification. The manufacturers structural warranty should specifically cover:

- The continued and correct alignment of both compartment and access doors.
- Seam or joint separation in door construction.
- Aluminum interior cabinetry.

The warranty should be fully transferable to a new owner should the vehicle ever be sold. In addition, should the manufacturer bidding this proposal re-chassis the vehicle within the period of the initial structural warranty, then an additional 5 years should be added to the remaining amount of warranty coverage left at the time of re-chassis. This warranty should be revalidated in five-year increments each time the body is mounted to a new chassis provided that the warranty has not expired, that this purchaser authorizes any necessary repairs, and provided that the original manufacturer performs the re-chassis.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

CORNER POST SUPPORTS:

The body structure should be able to support the loaded weight of the vehicle in the unlikely event of a rollover. A structure is required that will enhance the safety of both patients and attendants in the event of an accidental collision. The foundation of a solidly built module body is the utilization of strong corner posts in both the sidewalls and the roof. A one-piece 90-degree radius post is required. The posts should include a full-length W shaped extrusion that forms a fully encased web inside the post for strength. This reinforcing member should angle inward just before it joins the radius to form a small slot where the edges of the aluminum skin will be inserted prior to the final welding. Because the structural integrity of a body is derived from the corner posts, subfloor, and framework, corner posts that are a part of the exterior body skin (e.g. rolled corner posts) will not be considered, nor will corner posts which do not have an integral center reinforcement as part of the extrusion.

CORNER POST STRENGTH: The corner post extrusions should possess a minimum ultimate tensile strength of 27,000 psi (6063-T5).

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

ROOF EXTRUSIONS:

The horizontal roof extrusions should conform to the same construction description as the vertical wall extrusions, but should include an extruded drip rail as a part of the one-piece posts. Because the drip rail is a part of the post itself there should be no seams between the rail and the body above the rail. In addition, there should be drip rails installed above all body doors that are not full height. These rails should attach via a durable adhesive.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

WALL AND ROOF SKIN SUPPORTS:

The exterior wall and roof skins should be supported on the inside by 2" square tubing with .125" wall. These structural supports should be strategically located at the load bearing points of the module body. The roof structural support beams should be spaced on minimum 12" centers for adequate load support. Wall tubing of .125" thickness or less will not be acceptable. All body doors that are not full height. These rails should attach via a durable adhesive.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

HORIZONTAL WALL SUPPORTS:

There should be a horizontal beam in addition to the vertical wall supports, located in the beltline area, to provide additional protection in the event of a side body collision.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

GUSSET ENHANCEMENT:

Gusset supports, made from 2" square tubing, should be installed throughout the vehicle for added strength. Each gusset should be a minimum of 5" long at its longest point. A minimum of twenty-four (24) of these gussets should be welded into the vehicle support structure. Areas of installation should include but not be limited to: all door openings, all body corners, and above all wheel wells.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

EXTERIOR BODY PANELS:

The materials selected for the body skin have been chosen because of this vehicle's expected heavy-duty cycle and the good wear characteristics that this material has shown in the field. The material should be a minimum 5052-H34 alloy with an ultimate tensile strength of 38,000 psi. This material has been chosen because it is less prone to fail due to stress than other weaker materials such as 5052-H32 alloy.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

EXTERIOR BODY PANEL MATERIAL:

The thickness required for exterior body panels is:

- Side, front, and rear walls: .125"
- Ceiling and floor panels: .090"

Note: The roof should be constructed with a single sheet of 5052-H34 .090" thick aluminum. This one-piece construction is preferred over a multiple piece design. The roof should incorporate a 3/8" crown designed to allow water to drain.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

FLOOR CONSTRUCTION:

Thin floor panels and/or a lack of floor supports are not desirable. Floors that are uneven or are incapable of adequately supporting the load being carried on the vehicle are unacceptable. To prevent buckling, sagging, oil canning or any other structural breakdown of the flooring system a detailed description of the required construction process is provided.

The body subfloor should be constructed of .090" 5052-H34 aluminum. The floor, from the front to the rear and from curbside to street side should be supported by a minimum 2" x 3" tubular beams with a .25" wall. The floor just behind the axle should be supported by a minimum 1.5" x 3" tubular beam with a .25" wall. All beams should be strategically located at the load bearing points of the floor and welded into place. The interior of this vehicle should not contain wood or wood products of any kind. The subfloor, above the aluminum sheet should be specially constructed to provide both acoustic and thermal protection for the patient interior. It should consist of the .090" aluminum with tubular understructure as noted above. The underside of this area is to be sprayed with a sound reduction coating. In addition, a .125" damping pad, a .125" sound barrier sheet, and a .625" composite floor panel should be installed prior to installation of the vinyl floor covering. This panel should be hydrophobic so as to resist mildew and degradation. It should also utilize Royal Watson surfaces featuring BioStat technology which prohibits bacterial or fungal growth over the life of the product. The material is to be 100% recyclable and CA Prop 65 compliant as well as FMVSS 302 compliant. The material manufacturer should have tested the material including ASTM D 3040-3 point bend and 25#slug 8' and 24' drop test. The subfloor should have been tested and certified by a third party for compliance to AMD 020 Floor Distributed Load Test. The County of Union reserves the right to inspect the process proposed by the bidder and to make determinations regarding the acceptability of that process. The resultant subfloor should have no organic, wood, or wood products and should be guaranteed against rotting or water absorption for a minimum of fifteen years. It should not support or attract mold or fungus.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

SKIN TO SUPPORT ATTACHMENT:

All exterior aluminum body panels should be attached to the underlying structural supports via high performance polyurethane two-sided tape. The tape should have a polyurethane foam core for environmental resistance and an acrylic adhesive for a durable bond. The tape will be used as an insulating agent to hold the panels tightly against the structural supports, thus eliminating vibration and oil-canning. In addition to the tape attachment system, all panels should be welded to structural members at the perimeters only. Welding in the center of the panels is not desired as the process will cause heat distortion of the body panels and lessen the overall quality of the finished appearance.

Each body panel should be welded to all horizontal frame members, including the roof extrusions. In addition, the panels should be welded to the vertical corner posts. In the case of the roof, the perimeter of the one-piece roof sheet should be stitch welded. This method of attachment should provide a total welding application to the entire perimeter of the body skin and a taped/insulating application to the interior surfaces of all walls.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

STRUCTURAL INTEGRITY VERIFICATION:

The manufacturers Hyge sled testing program should be current and have been maintained on a continuous basis for a period of time not less than ten years. In addition, the sled testing should have subjected a body, built to the above-written specifications, to a minimum of 30 G's in both side and frontal impact conditions. Neither photographs of vehicles that have been involved in accidents, nor statements or observations relevant to an accident will suffice as a substitute for this requirement. The sled testing should take place in a controlled environment whereupon meaningful engineering data can be gathered and applied to the structural design of the module body.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

OUTER DOOR SKIN: The door facing and edges should be formed from a single sheet of aluminum. The aluminum used for the doors should not be less than 5052-H34 alloy with an ultimate tensile strength of 38,000 psi. The material should be .125" thick. All module doors should be flush fit to the body side. The door panels should be welded at the corners.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

INNER DOOR REINFORCEMENT: Each door should include an internal extrusion for added reinforcement. The extrusions should extend around the entire perimeter of the door. Additional reinforcement should be installed through the center of the door and around each window where applicable. In addition to the extrusions reinforcing each outer door pan, the extrusions themselves should be reinforced through a dual joining method. First, each mitered corner, where the frame corners join, should be fitted with a one-way solid aluminum insertable key. This key should prevent the corner from pulling apart, and should act as a solid aluminum internal gusset. Secondly, each corner where the frame joins should be welded to further prevent any separation. The end result will be a rigid door that will not bend or flex and that will eliminate the other commonly seen structural defects described above.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

INNER DOOR PAN: An inner door pan should fit flush with the inner edges of the door. Inner door pans that do not fit flush will have sharp or ragged edges exposed and will not be acceptable. The panels should be attached to the door structure with machine screws and "T" style nutserts to prevent spinning and stripping. Sheet metal screws or rivets will not be accepted. Lastly, a closed cell cross-linked polyolefin foam tape should be used beneath the inner door panels to isolate the panels from the door frames.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

DOOR SEAL: All module doors should incorporate an extruded rubber seal located around the perimeter of the door. The seal should insert into a groove in the inner door extrusion. Seals that are installed around compartment openings will be easily torn. Glue will not be permitted except in the case of a double door compartment. The requested design does not include a groove on the underlying door edge of a double door compartment. That edge alone will require an adhesive. Glue for all seals is not desirable because of increased replacement time and insufficient durability.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

DOOR JAMB:

All doorjamb should be separate from the body skin and should be welded to the 2" x 2" tubular body frame members so as to ensure continued door alignment and proper latching. The compartment frame should be designed in such a manner as to provide extra protection around the compartment openings. The reinforcement tube should be at least 1" wide. For added strength, the frame should be at least .188" thick where screws are attached. Prior to door installation, the doors should be true fit to the door jambs.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

HINGING:

All doors should have full-length stainless steel hinges. The hinges should be .070" thick and should incorporate a .25" diameter pin. All hinges should have unslotted mounting holes for an exact and permanent installation. Hinges that utilize slotted mounting holes are unacceptable because of the of required continued adjustments. There should be an anti-corrosive material installed along the length of the hinge where the hinge meets the door frame to separate the stainless hinge from the aluminum body. This material should be transparent so as not to be visible at any point while the door is being used.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

HOLD-OPEN DEVICES:

The following door hold-open devices should be installed (spring-loaded is not preferred):

- Compartment doors: Gas filled, 100-degree extension actuator
- Side access door: Gas filled, 110-degree extension actuator
- Rear doors: Cast Products grabber style devices

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

DOOR HANDLES AND LATCHING:

A door latching system is required that provides safety to all on-board personnel and security to all stored equipment. The patient area should be capable of being quickly secured. The following minimum features are to be designed into the module door latching system:

-All door handles should be rugged automotive style handles that are near flush with the outer door panel. Each handle should actuate a Nader rotary safety latch.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

-The handle and latching system should be designed by their manufacturer to accommodate electromagnetic activation. Paddle style or D ring style handles that should be retrofitted for this application are unacceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

-The entire exterior handle assembly should be Tri/Mark Series 2200 cast metal that is chrome plated and buffed to a high luster.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

-All doors should have an exterior key lock.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

-All three patient area access doors should include both interior and exterior latch activators. The rear doors should have an activator installed on the outside of each door. The interior activators should be located in a recessed pan on the door. A manual lock/unlock device should be located within the pan. This pan should be powder coated cast aluminum for extra durability and for ease of decontamination. No plastic products should be used for this application.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

- Exterior double door compartments should include two exterior latching devices, one on each door.
- The entry doors should incorporate emergency release levers located at each rotary latch. The emergency release handle should allow emergency exit if a latch failure would occur.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The latching system should be a proven system that has been subjected to the simulated sled tests as described elsewhere in this specification. Latching systems that have not been subjected to these tests will not have reliable data available as to installation and retention characteristics. Again, only controlled testing fulfills this requirement.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

PATIENT AREA DOOR OPENINGS:

REAR DOORS: Two (2) doors should be provided at the rear of the module body. The overall opening of the access to be a minimum of 54.3" in height x 46.75" in width. Both inside and outside door handles should be installed on each rear door. Left rear doors that can only be activated from the inside are not acceptable. These doors are to incorporate emergency release levers as described above.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

SIDE DOOR: One (1) side door should be provided on the curb side of the module body. The opening should have minimum overall dimensions of 71.1" in height x 30" in width.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

INSULATION: The patient area, including the doors, should be insulated with 2" Technicon polyfiber for both thermal and acoustic insulation. The headliner area of the vehicle should also include a barrier insulation of Reflectix material for increased protection.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The interior headroom of the finished patient area should be 72".

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

ALUMINUM DIAMONDPLATE AT SIDE STEPWELL: The side door stepwell is to be fabricated from .125" 3003-H14 polished aluminum diamond tread plate.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

DOUBLE STEP CURBSIDE ENTRY, 6" DROP SKIRT - The curbside body skirt, forward of the rear wheel well, should be dropped six (6) inches. Two integral aluminum diamond plate steps should be installed within the side access door step well for improved accessibility to the patient compartment. Under no circumstances should this be accomplished by bolting an additional step to the step well. The design should be such that all steps are integral. The use of bolts, rivets, or any other type of fastener is prohibited.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NO BODY DROP, STREETSIDE - The streetside body skirts, both fore and aft of the rear wheels, are to be of uniform height. Dropped skirt designs are not required on the streetside (driver's side) of the body.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

SOUND PROOFING/ACOUSTIC ENHANCEMENT PACKAGE

1. Underbody should be completely sprayed with non-flammable latex sound control coating
2. Body Interior walls, roofs and interior compartment walls should be sprayed with non-flammable latex sound control coating
3. The interiors of all access doors should be sprayed with non-flammable latex coating
4. The backs of all aluminum interior cabinets should be wrapped in antiphon damping material
5. Door interiors are to be lined with polydamp intefoam extensional damping pad
6. The body structural tubes should be filled with non-resonating dampening material
7. Side stepwell areas are to be backed with PT Damping Pad
8. All walls should be insulated with 2" Technicon polyfiber acoustic insulation.
9. Headliners should be double insulated with 2" Technicon Polyfiber and a Reflectix barrier.
10. A .125" damping pad, a .125" sound barrier sheet, and a .625" composite floor panel sandwiched between aluminum sheets should be installed prior to installation of the vinyl floor covering.
11. A chassis tuned mounting system should be used to provide vibration reduction and structure borne noise attenuation.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

ROOF POCKET, AUXILIARY CONDENSER

The roof of the body should be designed with an integral recessed pocket to allow for the specified recessed rooftop condenser. The pocket should be sealed off except for a drain line to the ground to prevent build-up of water inside the pocket. Front body mounted or underbody mounted auxiliary condensers are not acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

PRIVACY WINDOWS, FIXED, REAR ENTRY DOORS - The rear module body access doors should include tinted privacy fixed windows. Each of these windows should measure 16.5"h x 17"w and should be glazed and tinted in accordance with FMVSS. The windows should have dark privacy glass. The windows should meet FMVSS glazing standards. No films are to be used. The windows should be encased in extruded aluminum frames.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

PRIVACY WINDOW, SLIDING FOR SIDE ENTRY DOOR - The side entry door should have a sliding tinted privacy window. The window should measure 16.5"h x 17"w and should be glazed and tinted in accordance with FMVSS. No films are to be used. The window should be encased in extruded aluminum frame.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

EMERGENCY RELEASE, REAR DOORS - The manufacturer should install emergency release latches at the top and bottom of the interior of the rear entry doors. These will allow egress in the event of a door latch failure. The release knobs are to activate the rotary at the top and bottom of the door.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

EMERGENCY RELEASE, SIDE ACCESS DOOR - The manufacturer should install emergency release latches at the top and bottom of the interior of the side entry door. These will allow egress in the event of a door latch failure. The release knobs are to activate the rotary at the top and bottom of the door.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

DOOR HANDLES - The vehicle is to include Tri-Mark free floating door handles. The handles should include a chrome finish and are to activate the door latches through the use of pre-stretched stainless steel cables. Latches using cables made of any other material or that are not pre-stretched are not acceptable. The interior door panels are to be three piece with a removeable center section allowing access to the latch mechanism for lubrication and maintenance.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

MOUNTING, F SERIES - A minimum of (4) four Mounting platforms should be attached along the outside of each chassis frame rail for a total of (8) eight. Each platform should consist of (1) top plate of .375" thick steel and (2) side reinforcement plates made of .25" steel. There should be a .375" full backing plate where the mount attaches to the frame rail. The plates should be welded along all seams with a heavy continuous weld. The body substructure should include a 1" by 3" solid aluminum tie down bar welded to each sub structure cross member. a tuned mounting system should be used to complete the body to chassis attachment. The elastomer mount should be custom-tuned to the specific chassis type for vibration reduction, structure borne noise attenuation and to provide low profile, low frequency isolation necessary for ideal patient compartment conditions. Standard chassis furnished mounting donuts will not meet the requirements of this specification. The mount should be attached to each platform by (2) .625" Grade 8 bolts with washers and locking nuts. The platform should be attached to the chassis frame rail with a minimum of (3) .625" diameter Grade 8 bolts with washers and locking nuts. The failsafe elastomer isolation mount should then attach to the aluminum body tie down bar with a .75" diameter Grade 8 bolt, a washer, and a locking nut. The mounting system should have been subjected to a documented Hyge dynamic frontal impact test of at least 30 G's to verify the integrity of the mounting system in the event of a serious accident.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

MIRROR STAINLESS STEEL SPLASH SHIELDS - Stainless steel splash shields are to be installed on the lower front face of the module body just aft of the cab access doors. These shields are to have a #8 mirror finish and should match the height of the diamond plate corner guards.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

PRE-PUNCH SPLASH SHIELDS - The holes for the specified running board lights are to be pre-punched into the splash shields.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

FENDER, BLACK RUBBER - A black rubber fender flare should be installed above the street side (driver's side) rear wheel well opening..

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

FENDERS, BLACK RUBBER, STD, CS 6" DROP SKIRT - A black rubber steel fender flare should be installed above the curbside (passenger's side) rear wheel well opening. The fender should be designed specifically for the specified 6" drop skirt. Designs requiring multiple pieces, or that do not adequately cover the drop skirt portion of the body, will not be considered.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

POLISHED STAINLESS RUB RAILS - Polished stainless lower body rub rails should be installed on each side of the module body. Each rail should be securely installed yet simple to remove and replace in the event of damage. Each rail is to be a three-piece assembly to include a channel style rub rail and two removable end caps. These rails are to have a #8 mirror

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

STANDARD CORNER GUARDS - Polished aluminum diamond tread plate corner guards should be installed on the lower corners of the body. The guards are to be formed to match the contour of the body corner posts.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

REAR DOOR HOLD OPENS, GRABBER - Cast Products "Grabber" style rear door hold-open devices should be installed to maintain the rear access doors in the 'open' position. One loop should be installed on each door, and the appropriate socket should be installed on the body. These devices are to be chrome finish in lieu of Cast Products' standard finish.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

REAR RISER ADP - Install a polished aluminum diamond tread plate riser between the bottom of the rear entry door opening and the bottom of the body. The manufacturer should include any necessary holes to accommodate other items installed in this area.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

LICENSE PLATE, STREETSIDE REAR RISER - Provisions for installation of the rear license plate should be provided at the location described above. There should be two holes provided, along with the bolts to be used to mount the plate. An LED license plate light is to be installed over the plate location to illuminate the plate once installed. No frames or recessed style license plate bezels are required.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

DOOR REFLECTORS - Install red reflectors on the interior panels of all patient compartment access doors. Install in the corners so as to be visually conspicuous when the doors are open.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

COMPARTMENTATION

The streetside forward compartment should be accessed through a single hinged door meeting the standards for door construction, hinging, and latching outlined within this specification. The compartment should be vented to the outside in such a way as to prevent moisture from entering the compartment. Under no circumstances should vents be installed within the compartment door. The compartment itself should be constructed as an individual box and welded into the body structural framing. The compartment should include two strips of LED lights, one to either side of the compartment door, to provide lighting inside the compartment.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Streetside forward compartment should be fabricated from .125" polished aluminum diamondplate that is continuously welded at all seams.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The streetside intermediate compartment should be accessed through double hinged doors meeting the standards for door construction, hinging, and latching outlined within this specification. The compartment should be vented to the outside in such a way as to prevent moisture from entering the compartment. Under no circumstances should vents be installed within the compartment door. The compartment itself should be constructed as an individual box and welded into the body structural framing. The compartment should include two strips of LED lights, one to either side of the compartment door, to provide lighting inside the compartment. The compartment is to be full available height to the bottom of the interior countertop.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The streetside intermediate compartment should be fabricated from .125" polished aluminum diamondplate that is continuously welded at all seams.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Adjustable shelf streetside intermediate Left side of divider - shelving should be installed as noted and as depicted in the drawings. All shelving is to be fabricated from 3003-H14 aluminum diamond plate. This material should be .125" thick. All shelving is to include a 2" integral lip to prevent equipment from sliding off of the shelf. The compartment light should meet the lighting criteria as described elsewhere within this specification. Shelving is to be secured using four (4) 'C' channels, two (2) on each the right-hand left-hand wall, allowing the shelving to be infinitely adjustable within the compartment.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Electrical divider, streetside intermediate against sharps close out - A vertical divider should be installed in the street side intermediate compartment as depicted in the drawings. The divider should be fixed and should be fabricated from the same material used in the construction of the compartment in which it is to be installed. This divider is to isolate the specified onboard electrical equipment from the remainder of the compartment in which it is installed.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Right side mounted electrical equipment - electrical storage: The onboard electrical components including the suction pump, breaker box, and battery charger should be installed on the right side of the streetside intermediate compartment.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Expanded metal cage, streetside intermediate - The manufacturer should provide an expanded metal cage around the installed electrical equipment located as noted above. The cage should include access ports with grip-lock around the edges to protect against sharp corners.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Streetside rear compartment - should be accessed through a hinged door meeting the standards for door construction, hinging, and latching outlined within this specification. The compartment should be vented to the outside in such a way as to prevent moisture from entering the compartment. Under no circumstances should vents be installed within the compartment door. The compartment itself should be constructed as an individual box and welded into the body structural framing. The compartment should include two strips of LED lights, one to either side of the compartment door, to provide lighting inside the compartment. Should be fabricated from .125" polished aluminum diamond plate that is continuously welded at all seams.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Adjustable shelf streetside rear centered - Shelving should be installed as noted and as depicted in the drawings. All shelving should be fabricated from 3003-H14 aluminum diamond plate. This material should be .125" thick. All shelving is to include a 2" integral lip to prevent equipment from sliding off of the shelf. The compartment light should meet the lighting criteria as described elsewhere within this specification. Shelving is to be secured using four (4) 'C' channels, two (2) on each the right-hand and left-hand wall, allowing the shelving to be infinitely adjustable within the compartment.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Curbside rear compartment should be accessed through a single hinged door meeting the standards for door construction, hinging, and latching outlined within this specification. The compartment should be vented to the outside in such a way as to prevent moisture from entering the compartment. Under no circumstances should vents be installed within the compartment door. The compartment itself should be constructed as an individual box and welded into the body structural framing. The compartment should include two strips of LED lights, one to either side of the compartment door, to provide lighting inside the compartment. Should be fabricated from .125" flat aluminum material that is continuously welded at all seams.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Adjustable shelf curbside rear right side of divider for I/O, bottom shelf to be located 40" from floor - Shelving should be installed as noted and as depicted in the drawings. All shelving is to be fabricated from 3003-H14 aluminum diamond plate. This material should be .125" thick. All shelving is to include a 2" integral lip to prevent equipment from sliding off of the shelf. The compartment light should meet the lighting criteria as described elsewhere within this specification. Shelving is to be secured using four (4) 'C' channels, two (2) on each the right and left-hand wall, allowing the shelving to be infinitely adjustable within the compartment.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Fixed vertical divider, curbside rear 11.5" from right wall - A 16" deep vertical divider should be installed in the curbside rear compartment as noted, and as depicted in the drawings. The divider should be non-adjustable and should be fabricated from the same material used in the construction of the compartment in which it is to be installed.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Sweep out compartment floor curbside rear compartment - the floor of the curbside rear compartment should be flush with the door frame so as to provide a sweep-out style compartment bottom. There should be no lip at the forward edge of the compartment bottom, or any other obstruction, that may hinder the purchaser's ability to sweep the compartment free of dirt/debris.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Stair chair pocket, curbside rear - pocket should be recessed into the inner compartment door panel in the curbside rear compartment for stair chair storage. The pocket should be installed as close to the bottom and hinged side of door as possible.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Stair chair model, Ferno EZ Glide 59T - A Ferno EZ Glide 59T stair chair will be stored in the designated location. **This information is for sizing and placement purposes only. The bidder is not to supply a stair chair with the completed unit.**

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Curbside forward compartment - should be accessed through a single hinged door meeting the standards for door construction, hinging, and latching outlined within this specification. Under no circumstances should vents be installed within the compartment door. This door should provide access to the front wall cabinet on the vehicle interior. The cabinet should include LED strip lights to provide lighting inside the cabinet.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Rubber matting in exterior compartments - Black rubber matting, with a ribbed texture, should be provided and installed in the bottoms of all exterior compartments and compartment shelves.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Rubber walls in backboard compartment, gray - the walls of the backboard compartment should be covered with self-adhesive textured gray rubber matting to protect the walls and the equipment stored in this area from any damage.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

PAINT AND GRAPHICS

CHASSIS PAINT - The OEM chassis manufacturer's bright white paint should be ordered on the chassis. The bidder should not repaint the chassis.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

MODULE PAINT, WHITE

A paint process is required that provides the highest possible gloss as well as superior color and luster retention characteristics. In addition, the paint process should provide a high resistance to chemical sprays, salt sprays, humidity, and temperature changes. Lastly, this process, given the expected life of the vehicle and its heavy-duty cycle, should resist chipping. The final paint application should be free of material application imperfections such as orange peel, streaking, or a dull finish. Once painted, the vehicle should be inspected under a black light to bring any small imperfections, not seen with the naked eye, to attention. Any such imperfections should be repaired prior to the conclusion of the paint inspection process. The final application should provide a high gloss finish.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

To produce an acceptable paint finish, the following paint process should be used: all body doors and hardware should be removed prior to any wash, prime, or final paint application. All material impurities and oils should be removed from the bare aluminum body. The entire module body, excluding the underside, will have all visible welds ground down and all material imperfections filled. The entire body, including the compartment doors, should be finished with a dual action. It is also required that all door jamb areas be sanded to ensure that no areas are missed with the DA process mentioned above. Again, all module doors, though handled separately from the body, should undergo the same process as described above.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Immediately after application of the sealer/primer the manufacturer should apply a finish color coat of Sikkens BTLV 650 paint. The color coat is to be immediately followed by a clear coat. Once all coats are applied the unit is to be baked dry. This base coat/clear coat 'wet on wet' process is required over any other proposed process. Processes not meeting these specific requirements should be explained thoroughly within the bid.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Following the drying of all paint coats the unit is to be thoroughly inspected as noted above. The unit is to be polished and any blemishes repaired. All paint lines should be sanded and cleaned.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The manufacturer should maintain an outside paint audit system. As part of that audit the paint manufacturer should regularly receive and test sample paint panels that are painted along with module bodies. The paint manufacturer should also provide regular onsite inspections of the vehicle manufacturers paint process to assure a consistent level of quality. Audit reports from these inspections should be provided to management.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

All locations where fasteners penetrate the outer skin of the module body should be coated with ECK anti-corrosion agent. In addition, all fasteners that penetrate the outer skin of the module body should be treated with an anti-corrosion agent to assure the maximum protection against vehicle corrosion and electrolysis.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Locations where light heads and fenders attach to the aluminum body should utilize threaded Nylon inserts to isolate the fasteners from the aluminum module body skin and structure. This practice, along with the other measures described above, should act to minimize the threat of electrolysis.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The paint warranty provided by the converter should meet all warranty standards as set forth elsewhere within this specification. **Bidder should submit a manufacturer's paint warranty certificate with the bid.**

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Red Scotchlite strips, measuring 2" x 12". should be installed horizontally on the interior panels of all patient area access doors near the top.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Complete identical graphics/lettering to match the Union County fleet should be applied to the vehicle.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

INTERIOR FEATURES

All acrylic cabinet door material is to be the manufacturer's 'light tint'.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Stainless steel counter tops fore and aft of CPR seat - The patient area countertop(s) should be constructed of stainless steel. The countertops should be pan-formed and should incorporate a 1" retention lip around the perimeter of the material. Areas where the stainless-steel material meets the vehicle walls should be sealed to eliminate seams. The front lip on the countertop should be protected with grip-lock material.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Painted standard inhalation area walls - the walls surrounding the work areas within the main cabinet wall should be painted to match the interior cabinet color.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Laminated inhalation panel - to prevent contamination of the panel, it should be fabricated using no wood or wood-based products. The material used should be an aluminum composite. This material should not absorb liquids and should not attract bacteria, molds or fungi. The material is to be covered with Formica material in a color matching that required within this document.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The patient area floor should be covered in Loncoin Fleckstone Black Onyx #150TS.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The risers are to be constructed without the use of wood, wood-based products, or any other organic material. The use of laminated structural composite material is required. The risers should be finished with Wilsonart Fashion Gray #D381 laminate.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

LAMINATE COVERED LOWER DOOR PANELS

The lower portion of the patient area entry doors should be covered with laminate material to match the color selection in the "Interior Colors" section of this specification.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The interior risers/door panels should include an accent stripe. The stripe is to be flush with the remainder of the riser. Color is to be Wilsonart Black #1595 laminate. An Exception to this requirement will be allowed should the bidder employ the use of 3-piece stainless door panels.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

There should not be an accent stripe on the rear doors.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The interior walls should be constructed without the use of wood, wood-based products, or any other organic material. The use of laminated structural composite material is required. The walls should be finished with Wilsonart Fashion Gray #D381 laminate. The finish in the areas surrounding the inhalation/CPR seat areas are detailed separately within this document.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

All interior storage cabinets, including the interior of the squad bench, should be painted for ease of cleaning. Under no circumstances should carpet be used within these storage cabinets. The paint color should be Fashion Grey. The paint should be treated with an antimicrobial agent.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The specified cabinet paint is to have a smooth finish.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The patient area upholstery, including seat cushions, backrests and vinyl closeouts, is to be Flint Grey in color.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Standard fixed seat base - An attendant's seat base should be fabricated from aluminum and should be installed in a position at the head of the cot. The base should house the vehicle's heat/AC unit as described in that section of this specification. The material should be perforated to promote airflow to the unit. The entire seating assembly, as described here, should be subjected to a Hyge sled test of at least 30 G's to test the structural integrity of the design in order to assure a certain level of safety for the vehicle occupants. Swivel or aftermarket seat bases would not be acceptable alternatives.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Attendant's seat: A USSC bucket type seat with integral child safety seat should be installed on the seat base in the rear-facing position. The seat should be Flint Gray in color and should be capable of adjustment from front to rear. The seat should include an integral black 4pt seatbelt with attached safety vest to allow for greater comfort and passenger safety.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A 4-point seatbelt, black in color, should be provided and installed at the foot bench position. The belt should include a 4-retractor system to allow all four belts to be fully retractable. The belt should also include quick one-click design for ease of use. The belt is to be outfitted with a removeable vest designed to guide the belt into the proper position, prevent the buckle from moving up or down and side to side, and offer better support and comfort to the seat occupant. Installation hardware and wall anchorages are to have been tested and certified to meet all applicable requirements relative to occupant restraints.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A 4-point seatbelt, black in color, should be provided and installed at the head bench position. The belt should include a 4-retractor system to allow all four belts to be fully retractable. The belt should also include quick one click design for ease of use. The belt is to be outfitted with a removeable vest designed to guide the belt into the proper position, prevent the buckle from moving up or down and side to side, and offer better support and comfort to the seat occupant. Installation hardware and wall anchorages are to have been tested and certified to meet all applicable requirements relative to occupant restraints.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

A 4-point seatbelt, black in color, should be provided and installed at the CPR seat position. The belt should include a 4-retractor system to allow all four belts to be fully retractable. The belt should also include quick one click design for ease of use. The belt is to be outfitted with a removeable vest designed to guide the belt into the proper position, prevent the buckle from moving up or down and side to side, and offer better support and comfort to the seat occupant. Installation hardware and wall anchorages are to have been tested and certified to meet all applicable requirements relative to occupant restraints.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

All-aluminum modular cabinet design. Aluminum, a minimum of .063" thickness, is required over wooden cabinetry due to its lighter weight, greater durability, and the ease with which it can be decontaminated. The main cabinet wall should be of modular construction. All individual cabinets should be of welded construction. Each modular cabinet should then be bolted/welded together to comprise the main wall of cabinets inside the vehicle. All cabinets, including the main cabinet wall, should be thoroughly insulated against noise and temperature. Each cabinet is to be wrapped on the back side in an insulating layer. Cabinets that are joined together should also be insulated with expandable spray foam in between each cabinet. The face of all cabinets is to be trimmed in an aesthetically pleasing manner to match the patient compartment interior colors.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

To insure the safety of patients and attendants in the rear of the vehicle, the main cabinet wall installation should have been tested to a minimum frontal impact of 30 G's per the requirements of the Safety Certification section of this specification. The main cabinet wall may not be constructed of any wood or wood product.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

All of the aluminum cabinetry within the vehicle should be of welded construction.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The all-aluminum cabinet construction, as described within this section, should be warranted against any structural defects for a period of time not less than 30 years. This warranty should be stated within the manufacturer's structural warranty document, and should not be subject to any mileage limitations.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The vehicle should be equipped with a tubular airbag to the right of the attendant's seat. The bag should be triggered by an electronic roll sensor to inflate and protect the seat occupant against severe head strikes typical in a roll over collision. In addition to being field proven, the system should have been developed using laboratory-controlled roll over testing. The testing should have been done on the manufacturer's specific ambulance body. Generic testing or "real world" scenarios do not suffice to meet this requirement. The system should be offered by the bidder as standard equipment and should have been in production for a minimum of five (5) years. No prototype systems will be acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The vehicle should be equipped with a head curtain airbag to the right of the attendant's seat. The bag should be triggered by an electronic roll sensor to inflate and protect the seat occupant against severe head strikes typical in a roll over collision. In addition to being field proven, the system should have been developed using laboratory-controlled roll over testing. The testing should have been done on the manufacturer's specific ambulance body. Generic testing or "real world" scenarios do not suffice to meet this requirement. The system should be offered by the bidder as standard equipment and should have been in production for a minimum of five (5) years. No prototype systems will be acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The roll sensor used in conjunction with the specified airbag system is to be installed in the streetside (driver's side) intermediate compartment on the ceiling. Components are to be covered with a polished aluminum diamond plate closeout attached with tamper-proof screws.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The vehicle should be equipped with a tubular airbag forward of the CPR seat. The bag should be triggered by an electronic roll sensor to inflate and protect the seat occupant against severe head strikes typical in a roll over collision. In addition to being field proven, the system should have been developed using laboratory-controlled roll over testing. The testing should have been done on the manufacturer's specific ambulance body. Generic testing or "real world" scenarios do not suffice to meet this requirement. The system should be offered by the bidder as standard equipment and should have been in production for a minimum of five (5) years. No prototype systems will be acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

CABINET TRIM RADIUS

The interior of the ambulance module should have radius corner extrusions, wherever possible, to round off cabinet corners. The radius should be a minimum of one and a half inches. The radius trim should also include a removable cap that can be field replaced if damage occurs.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A Cast Products recessed swing-down IV hanger should be installed above the primary cot position near the patient's head area. This hanger is to be near flush mounted into the patient area ceiling to reduce interference with the walkway when not in use. The arms of the hanger should be rubberized so as to reduce the possibility of injury that may occur if contact is made with them. This style IV hanger should be sufficient to meet Federal KKK-1822-E.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

A Cast Products recessed swing-down IV hanger should be installed above the squad bench position near the patient's chest area. This hanger is to be near flush mounted into the patient area ceiling to reduce interference with the walkway when not in use. The arms of the hanger should be rubberized so as to reduce the possibility of injury that may occur if contact is made with them. This style IV hanger should be sufficient to meet Federal KKK-1822-E.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Install (2) 2' long grab rails offset toward the main cabinet wall over the cot position in the patient area ceiling. These rails are to be constructed of stainless steel. Integral stanchions should be welded into place at fixed points along the length of each rail for attachment to the ceiling. The rails should attach through aluminum mounting plates that are welded to the module roof structure for strength and durability. Should be treated with an anti-microbial agent consisting of an inorganic ceramic coating embedded with silver ions. This coating should be effective against a broad range of microbes including bacteria, molds, algae, and fungi. The coating should be integral and should not consist of an agent that will need to be reapplied over time.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

An 6' long grab rail should be installed, offset toward the bench wall, approximately over the aisle edge of the bench cushions, in the patient area ceiling. This rail is to be constructed of stainless steel. Integral stanchions should be welded into place at fixed points along the length of the rail for attachment to the ceiling. The rail should attach through aluminum mounting plates that are welded to the module roof structure for strength and durability. Because contamination occurs most often as a result of contact, this feature should be treated with an anti-microbial agent consisting of an inorganic ceramic coating embedded with silver ions. This coating should be effective against a broad range of microbes including bacteria, molds, algae, and fungi. The coating should be integral and should not consist of an agent that will need to be reapplied over time.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Angled door handles should be installed on the interior door panels of each access door. The handles should be one-piece and should be constructed of stainless steel. The overall design should incorporate a smooth radius to form a 'V' shape, but should otherwise mimic the design and appearance of other grab rails specified to be installed on this vehicle. The handles should feature smooth radius corners and flange mounts at each of three (3) attachment points per rail. Because contamination occurs most often as a result of contact, this feature should be treated with an anti-microbial agent consisting of an inorganic ceramic coating embedded with silver ions. This coating should be effective against a broad range of microbes including bacteria, molds, algae, and fungi. The coating should be integral and should not consist of an agent that will need to be reapplied over time.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The patient area ceiling should be constructed of a bright white aluminum composite material consisting of a polyethylene core laminated between two sheets of coated aluminum. The headliner should be smooth, impervious to moisture, easy to clean, and durable. It should have the same rate of expansion and contraction as the aluminum body. Headliner that is padded or upholstered in any way will not be considered, nor will any headliner made of wood or wood products. Plastic, fiberglass or ABS headliner materials are not acceptable. The headliner material should be treated with an antimicrobial agent.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Provisions for inventory control should be provided where specified. Sliding door cabinets will have a small footman's loop attached to the trim adjacent to the handle on the door. The handle will be drilled so the security tag can be attached between the trim and the handle so the cabinet cannot be opened without destroying the inventory tag. Hinged cabinet doors will have a small footman's loop on the door as well as the trim where applicable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The vehicle should include a ActivTek Health Solution Systems Induct 500-12V UV light installed in the heat/AC system ductwork. The system should be installed on a removeable Stainless Steel plate to facilitate service. The system is to activate anytime the HVAC blower is operating. A green indicator light is to be provided to provide a visual confirmation that the system is operating.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

STREETSIDE CABINERY

Linen cabinet: a vertical storage cabinet should be located behind the attendant seat. The upper storage area should house the primary electrical distribution area. The lower section should be used for miscellaneous storage. Each area should be accessed through hinged doors. The entire cabinet should be fabricated from aluminum. The interior of the cabinet should be painted and trimmed as described in the cabinet construction section of the specification. The upper section of the linen cabinet should include a fixed aluminum shelf with 1" integral retaining lips around its perimeter. The shelf should be painted to match the interior of the cabinet.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The middle section of the linen cabinet should include an adjustable aluminum shelf with 1" integral retaining lips around its perimeter. The shelf is to attach to four (4) tracks installed on each the right-hand and left-hand walls, two (2) per side. The shelf should be painted to match the interior of the cabinet.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The lower section of the linen cabinet should include an adjustable aluminum shelf with 1" integral retaining lips around its perimeter. The shelf is to attach to four (4) tracks installed on each the right-hand and left-hand walls, two (2) per side. The shelf is to be painted to match the interior of the cabinet.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The linen cabinet should include solid vertically hinged doors. The door construction is to utilize aluminum composite material that is laminated with a color coordinating outer layer on its face. Doors constructed of wood or any other type of organic material will not suffice. The upper section and lower section of the linen cabinet should include piano style hinge.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The upper and lower linen cabinet door should utilize a locking Southco HD Stainless Steel flush-style latch. The latch should feature a recessed pull ring style handle. The latch should be both positive (mechanical latching) and passive (latches automatically) and is to be Change Notice 10 compliant with a weight rating of 25lbs.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

STREETSIDE WALL WITH CPR SEAT

The main cabinet wall inside the patient compartment is to be designed per the requirements of this document and should include a CPR seat. The CPR seat should measure 28" wide.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Install CPR storage compartment for possible future Danhard install, ETC. Do not install CPR lift-up seat cushion - No access required.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The upper cabinet, forward of the CPR seat, should be angled. The cabinet is to be Change Notice 10 compliant and should include a .25" aluminum hinged door with a steel catch.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The upper cabinet, aft of the CPR seat, should angled. The cabinet is to be Change Notice 10 compliant and is to include a .25" aluminum hinged door with a steel catch.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

CUSTOM CABINET, Cabinet 1 Dimensions: 12.75H x 18.75W x 16.0D - Location: BELOW REAR COUNTER

The cabinet designated as 'Cabinet #1' is to meet all applicable specifications regarding cabinet materials and construction listed throughout this document. The cabinet dimensions are to be as noted above. Note that these dimensions represent the measurements on the inside of the cabinet and do not include any trim required for doors or cabinet faces. The cabinet should include sliding polycarbonate doors. The door frame is to be designed with an integral groove that incorporates a Nylon/felt insert that allows for smooth and rattle-free operation. A manually operated latch should be incorporated into the face of the door to prevent unintended opening of the doors in compliance with Change Notice 10 requirements.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

CUSTOM CABINET, Cabinet 2 Dimensions: 18.75H x 30.5W x 16.0D - Location: Upper Rear Main Wall

The cabinet designated as 'Cabinet #2' is to meet all applicable specifications regarding cabinet materials and construction listed throughout this document. The cabinet dimensions are to be as noted above. Note that these dimensions represent the measurements on the inside of the cabinet and do not include any trim required for doors or cabinet faces. The cabinet should include sliding polycarbonate doors. The door frame is to be designed with an integral groove that incorporates a Nylon/felt insert that allows for smooth and rattle-free operation. A manually operated latch should be incorporated into the face of the door to prevent unintended opening of the doors in compliance with Change Notice 10 requirements. Designs that do not comply with this section will not be accepted. Cabinet #2 should include an adjustable aluminum shelf with 1" integral retaining lips around its perimeter. The shelf is to attach to four (4) tracks installed on each the right-hand and left-hand walls, two (2) per side. The shelf is should be painted to match the interior of the cabinet.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The cabinet located above the main inhalation/action area should meet all applicable specifications regarding cabinet materials and construction listed throughout this document. The cabinet dimensions should be 12.75”H x 40.75”W x 16.0”D. Note that these dimensions represent the measurements on the inside of the cabinet and do not include any trim required for doors or cabinet faces.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The cabinet above the inhalation area is to include sliding polycarbonate doors. The door frame is to be designed with an integral groove that incorporates a Nylon/felt insert that allows for smooth and rattle-free operation. A manually operated latch should be incorporated into the face of the door to prevent unintended opening of the doors in compliance with Change Notice 10 requirements.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A sharps/waste disposal area should be installed in a recessed area, fabricated from aluminum, in the inhalation counter top. The lid for this area should include a spring-loaded hinged-down door through which access will be made to the waste container. The neck of the sharps container will protrude through the top surface of the lid for sharps disposal access. The hinged aluminum lid will provide access to both containers for removal and replacement.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A storage area, fabricated from .125" 5052-H34 aluminum, should be installed beneath the squad bench cushion(s). This storage area should be painted and trimmed per the cabinet construction section of this specification. Access to this area should be gained by raising the bench cushion. This area should be as large as possible given the presence of the wheelhouse directly beneath this area. Note that storage areas made of wood, whether or not they are laminated or otherwise covered with another material, will not be acceptable. The bench should meet all applicable testing for crashworthiness. This testing should have been performed by an independent accredited outside testing facility.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

There should be a barrier constructed at the head of the squad bench that will provide a 19" high restraint which, when working in conjunction with the specified belt system, will assist in securing the occupant in the event of a rollover collision. This structure is to be designed to be integral with the body structure. Add-on components that are not structurally integral with the module body will not be accepted.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Double cushion squad bench - The squad bench lid is to be equally divided into two sections. Cushioned seating surfaces should be provided on each.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

24lb. Gas piston style hold-open devices should be installed on the flip-up squad bench cushion. Substitute hold-open devices, such as ratchet style devices, will not be acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Paddle style latches should be installed on the flip-up bench cushions to hold the cushions in the 'closed' position. The operation of this latches should be passive and should require intentional unlatching in order to raise the squad bench cushion. The latch should be flush mounted in the face of the squad bench riser.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

An aluminum angled trim piece should be installed along the bottom edge of each bench cushion. Each piece should be bent to follow the contour of each cushion on the horizontal plane. These trim pieces should provide added protection for the upholstery against extensive wear.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A full backrest cushion should be installed on the wall over the squad bench. The cushion is to extend the full width of the squad bench and should be trimmed to match the interior of the vehicle. The upholstery should be as described in the upholstery section of this document.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The forward area of the squad bench riser should incorporate an aluminum tip-out door per the attached drawings. The door should be painted to match the interior cabinets and should include a recessed face that fits near flush into the riser face. The door should house sharps and waste containers which should be supplied attached to the door with the finished vehicle. The face should be trimmed and should be finished in a material to match the wall color. The door and door face are to be free of wood or other organic materials. This is to be waste only. NO SHARPS container. Container for waste should be as large as possible.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Bench cabinet, hinged doors & O2 outlet - The hinged doors on the bench ceiling cabinet are to utilize Southco Stainless Steel flush-style latches. These latches should feature recessed pull ring style handles. The latches should be both positive (mechanical latching) and passive (latches automatically).

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The cabinet above the squad bench/curbside seating area should include compression style hinges.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

An inside/outside dual access storage area should be provided into the curbside rear compartment. This area should be trimmed around the opening and is to be accessible through both an exterior compartment door, and an interior cabinet door. Should include a vertically hinged door with self-closing style hinges. The door is to be made of 1/2" acrylic material and are to be compliant with Change Notice 10.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A cabinet should be provided on the front wall of the patient area just inside the side access door. This cabinet should run from floor to ceiling and should be fabricated from .125" welded aluminum. The cabinet should be anchored at both the top and bottom for stability. This stability should have been tested through a Hyge sled test of at least 30g's. Under no circumstances should this cabinet be welded to any module body structural member. This storage area should be used to house bagged equipment and supplies. Finish Material: UV stable light gray polyurethane elastomeric coating. Color: Light gray. Invert bottom shelf so there is no lip.

EXACT COMPLIANCE: _____ YES _____ NO*

NAME OF BIDDER: _____

*DEVIATIONS _____

Upper front wall cabinet should include two vertically hinged doors. The doors are to be made of 1/2" acrylic material and are to be compliant with Change Notice 10. Install a Southco rotary latch on the upper front wall cabinet door. Latch should be Change Notice 10 compliant and rated for 40lbs. Upper section should include self-closing style hinges.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The upper section of the front wall cabinet should include an adjustable aluminum shelf with 1" integral retaining lips around its perimeter. The shelf should attach to tracks to allow for adjustment within the available space, Shelf should match the cabinet interior.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The center section of the front wall cabinet should include a fixed aluminum shelf with 1" integral retaining lips around its perimeter. Shelf is to match the cabinet interior.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The lower section of the front wall cabinet should include an adjustable aluminum shelf with 1" integral retaining lips around its perimeter. The shelf is to attach to tracks to allow for adjustment within the available space, Shelf is to match the cabinet interior.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The Lower front wall cabinet should include two vertically hinged doors. The doors are to be made of 1/2" acrylic material and are to be compliant with Change Notice 10.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Install a Southco rotary latch on the front wall cabinet door. Latch to be Change Notice 10 compliant and rated for 40lbs.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The upper section of the front wall cabinet should include self-closing style hinges.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Install a 2 glove box storage above the side entry door.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A sliding pass-through window should be provided between the cab and the patient compartment. The window should include a latch to secure the window in the 'closed' position.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

VISUAL WARNING

M7 R/W SPLIT/CLEAR LENS Wheel wells with red forward

Whelen M7 series LED lighting should be installed as noted. Lighting should be red/white split with clear lens and include the chrome flange. The lighting should mount using threaded nylon inserts providing separation between the mounting hardware and the vehicle body. A switch should be provided in the front control panel to change flash patterns on the specified lighting.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

M9 White Clear Lens Front Center KKK

A Whelen M9 series LED light should be installed centered on the upper front face of the body. The light is should be white with a clear lens and is to include the chrome flange. The light should mount using threaded nylon inserts providing separation between the mounting hardware and the vehicle body. A switch should be provided in the front control panel to change flash patterns on the specified lighting.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

M7 Amber/Clear Lens Rear Center KKK

A Whelen M7 series LED light should be installed centered on the upper rear face of the body above the rear doors. The light should be amber with a clear lens and include the chrome flange. The light should mount using threaded nylon inserts providing separation between the mounting hardware and the vehicle body. A switch should be provided in the front control panel to change flash patterns on the specified lighting.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

M9 RED/CLEAR LENS Front body face, upper corners, 2 on street side, 2 curbside, 2 rear face outboard, 2 rear face window level

Whelen M9 series LED lighting should be installed as noted. Lighting should be red with clear lens and include the chrome flange. The lighting should mount using threaded nylon inserts providing separation between the mounting hardware and the vehicle body. A switch should be provided in the front control panel to change flash patterns on the specified lighting.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

M9 R/W SPLIT/CLEAR LENS Front face with two on each side of center KKK light

Whelen M9 series LED lighting should be installed as noted. Lighting is to be red/white split with clear lens and is to include the chrome flange. The lighting should mount using threaded nylon inserts providing separation between the mounting hardware and the vehicle body. A switch should be provided in the front control panel to change flash patterns on the specified lighting.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Flash pattern for all warning lights should be alternating rapid double flash pattern

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

R/W W/CLEAR LENS, WHELEN ION GRILLE, TOP

Whelen ION series LED lights should be installed in the upper portion of the chassis grille. Lights are to be red/white with clear lenses. A switch should be provided in the front control panel to change flash patterns on the specified lighting.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

R/W W/CLEAR LENS, WHELEN ION GRILLE, BOTTOM

Whelen ION series LED lights should be installed in the lower portion of the chassis grille. Lights are to be red/white with clear lenses. A switch should be provided in the front control panel to change flash patterns on the specified lighting.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

ION Grille lights should be mounted flush to grille with chrome bezels. Program grille lights in X-pattern.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

RED/CLEAR LENS 500 TIR6 LED INT. LIGHTS

Whelen 500 TIR6 series LED lights should be installed as intersection lights. Locate one (1) on each side of the chassis fender/hood area. Lights are should be red with clear lenses and should include chrome flanges/bezels where applicable and weather proof plugs.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Intersection lights should be surface mounted with chrome bezels.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

AUDIBLE WARNING

SIREN, WHELEN 295SLSA1 T1 - Wail T2 - Yelp T3 - Piercer

The vehicle should be equipped with a Whelen 295SLSA1 siren installed in the front console.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

SPEAKERS, CAST PRODUCTS, F SERIES

Cast Products 100W siren speakers (2) should be installed (1) in each end of the chassis front bumper and wired to the specified siren.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

NON-EMERGENCY LIGHTING

KKK SIDE BODY MARKER LIGHTS, M6 SERIES LED (PAIR)

One Whelen red M6 Series LED light with a red lens and a chrome flange should be installed on each side of the vehicle towards the rear of the body. These lights should function as both running lights and turn signals.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The compartment lighting for the exterior compartments, with the exception of any specified wheel well compartments, should consist of full available height LED lighting strips. Strips of LED lights should be installed on each side of the compartment opening on the inside of the door jamb and should direct the light back into the compartment. These light strips should fit securely into clips installed in this location. These strips should be semi rigid. Rope lighting is not an acceptable alternative to this requirement.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Install LED marker/ICC lights as required by FMVSS regulations. The lights should be a rolled design to conform to the contour of the upper roof posts of the body front and rear. The lights should be a surface mount design. Lights that should be recessed into the body are unacceptable due to the weakening of the body structure caused by cutting into the extrusions. The contour of the lights should be such that there should be visibility from the above as well as the front and rear of the vehicle. Exceptions to this requirement will only be allowed is ICC marker lights are included on another piece of specified equipment such as a lightbar.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Whelen PAR 16 LED light fixtures with chrome flanges should be installed, one (1) per side, in the front face of the module body above the running boards and within the stone guards. The lights should be wired to illuminate the step/running board anytime a cab door is opened.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

M9 SERIES LED SCENE LIGHT, STREETSIDE FRONT

A Whelen M9 LED scene light with chrome flange should be installed on the street side of the module body in the forward position. This light should be activated by right and left side switches located within the front electrical control panel. Additional means of activation, if any, are listed in the electrical section of these specifications.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A Whelen M9 LED scene light with chrome flange should be installed on the street side of the module body in the rear position. This light should be activated by right and left side switches located within the front electrical control panel. Additional means of activation, if any, are listed in the electrical section of these specifications.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A Whelen M9 LED scene light with chrome flange should be installed on the curbside of the module body in the forward position. This light should be activated by right and left side switches located within the front electrical control panel. Additional means of activation, if any, are listed in the electrical section of these specifications.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A Whelen M9 LED scene light with chrome flange should be installed on the curbside of the module body in the rear position. This light should be activated by right and left side switches located within the front electrical control panel. Additional means of activation, if any, are listed in the electrical section of these specifications.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Whelen M9 LED load lights (2) with chrome flanges should be installed on the rear of the module body above the entry doors. These lights should be activated by a switch located within the front electrical control panel or by opening of the right rear entry door. Additional means of activation, if any, are listed in the electrical section of these specifications.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Whelen M6 series LED stop/tail, turn, and reverse lights are to be installed on the rear of the vehicle. The lights should be located vertically in the rear body panels, above the rear riser, to either side of the rear access doors. All lights should include chrome flanges.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

ELECTRICAL

Power activated door locks should be installed on compartment doors. Locks should be activated by switches located at each patient area access door, or via other means as may be specified within this document. Locks may be overridden by the door key.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Power activated door locks should be installed on patient area access doors. Locks should be activated by switches located at each patient area access door. Locks may be overridden by a manual slide lever or by the door key.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The converter-added power door locks are to be wired through the OEM chassis door lock switches.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A concealed weatherproof switch should be installed in the chassis grille to operate the specified power door locks. The switch should be wired to unlock only.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

ELECTRICAL SYSTEM

The electrical control system should meet all current ambulance design standards to include, KKK 1822, NFPA 1917, CASS and AMD. A system is desired that is easy to use, simple in design, and allows electrical problem diagnosis and repair time to be minimized. The electrical system should be thoroughly engineered and manufactured to allow simple personnel operation. Finally, the system should be designed so that the probability of experiencing dead batteries, shorted electrical components and engaging in lengthy troubleshooting procedures will be reduced. In some cases, the electrical output provided by the chassis charging system can be marginal and under certain circumstances the electrical load can exceed the alternator output. In addition, some electrical systems have not provided proper circuit protection and at times have not provided adequate wiring for the load. To address the above objectives, the following minimum electrical system design is required:

Chassis Charging Enhancement: The basic design for the chassis electrical output system should include equipment that provides adequate electrical needs to operate the vehicle's electrical components. In addition, a system is desired that continually monitors the chassis voltage and amperage outputs. The end result of the desired electrical output system is longer battery life, less down time associated with charging system repairs, and the fulfillment of each and every emergency response.

EXACT COMPLIANCE: _____ YES _____ NO*

NAME OF BIDDER: _____

*DEVIATIONS _____

Battery Activation - Switching for battery power to the ambulance systems, either On or Off, should be furnished as outlined elsewhere within this document. The battery switch should not disconnect power to the OEM chassis systems.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Automatic Throttle Advance - In order to reduce the number of component parts and unnecessary throttle linkages, the factory electronic throttle control should be utilized to activate the throttle advance system. The controls should require that the chassis be placed in Park or Neutral with the Module Disconnect switch in the On position and the Park Brake engaged before activation of the throttle advance. A digital display warning on the driver console, accompanied by an audible tone, should instruct the driver to Set Park Brake or Release Park Brake to engage or disengage the automatic throttle control.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Automatic Load Management - In order to ensure that onboard personnel attention is focused on patient care rather than being occupied with monitoring vehicle systems, an automatic load management system is required. The bidder should provide a system that continually monitors the vehicles charging system while it is sitting on scene. The system design should have the ability to automatically shut down not less than ten pre-programmed electrical circuits to prevent a deficit charging condition while the vehicle is sitting at idle. The system should be programmed to constantly scan the electrical system. If a deficit charging condition continues for more than one minute, a pre-programmed circuit should shut down, correspondingly reducing the electrical draw. If the deficit condition continues, a second circuit should automatically shut down. This process should continue to repeat at one-minute intervals until at least ten circuits are shut down with corresponding load reductions.

EXACT COMPLIANCE: _____ YES _____ NO*

NAME OF BIDDER: _____

*DEVIATIONS _____

In the event any circuits are being controlled (disabled) by the load management system, the driver should be informed. A digital display warning should appear on the driver information panel indicating Load Management Active.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Load management systems should be programmed through a microprocessor-based logic and memory system rather than a series of mechanical relays. Systems that require manual activation of Load Management will not be acceptable. Once the deficit condition ceases to exist, the system should be capable of restarting any disabled circuit without any action required by the driver.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Furnish a system that permits the end user to determine, prior to production, the order of priority for shedding loads. Although the entire system should function automatically, it should also be designed so that it can be set by the end user to a mode for restocking, training, or maintenance convenience. The System Off setting should default to 'On' with system power rest.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Low Amperage Switching - Electrical devices that are not activated automatically should be controlled from either the cab or patient area control panels through the use of manual low amperage switches in conjunction with a programmed touch screen. Switches that are rocker style will not be acceptable due to their tendency to degrade and fail in continued field use. It is unacceptable to have soldered or terminal type connections for the switches. The switches should be integral to the panels.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

All manually activated switches on the panels described below should be programmed to change color when the circuit is active. The switch lighting should be LED.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Both the driver and the patient area switch panels should be designed so they can be easily decontaminated. The panels should be sealed so as to prevent contaminants from leaching into crevices, underneath switches, etc. There should be no printing or labeling on the face of the overlay material. The panels should be cleanable using any commercially available spray type cleaner or disinfectant commonly used by EMS systems with no damage created by fluids leaking through openings onto the circuit boards or switch contacts.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The switch panels should include, on each panel, an individual intensity control as well as a backlighting color selection feature. Switch panel lighting that operates at the same level as the cab instrument panel or that illuminates both the front and rear panels at the same intensity will not be considered. There should be totally independent control for each panel. The panel perimeter lighting should have multiple color selections available with front and rear panels separately controlled.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Cab Control Switching and Display

Switch Activation: The cab control center should include 8 critical buttons installed in protective enclosure with proper ventilation to maintain temperature. The following minimum circuits should be provided on the switch panel: Module Disconnect, Emergency Master, Emergency, Interior Lights, Exterior Lights, Home, Apps, Options

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The following displays should appear on the Home screen of the cab console: Voltage (to the nearest 0.10 volt), Amperage (to the nearest amp), Outside Temperature, Inside Patient Area Temperature, Access or Compartment Door Open Warning Message and Display, Electrical System Diagnostics, 24 Hour Clock, HVAC, Emergency Brake Warning, Accent Lighting and Backlighting Controls, Patient Warning

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The front panel should include a door open warning indicator. This should consist of a graphical diagram of the vehicle on the touch screen. A door open will appear on the screen allowing the operator to pinpoint which door is open. An audible alarm should sound if a door is left open and the vehicle is placed into gear. Under no circumstances will flashing lights or stand-alone audible indicators suffice to meet this requirement.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Patient Area Control Switching and Display - The patient area control center should match the front control panel specified above in all but function. The rear panel is to specifically control patient care functions and should include 8 mission critical buttons installed in a backlight aluminum control panel. The following circuits should be controlled through these switches: Oxygen, Vacuum, Interior lighting, Climate Control, Scene/Load lights, Ventilation, "Home"

Additional functionality should be available via the graphical touch screen. At a minimum, the following information should be available and controllable through the rear panel in addition to functionality listed above: Patient Status, Stop Clock, Oxygen Line Pressure, Oxygen Cylinder Pressure, Patient Area Temperature, Thermostat Setting, Oxygen Warning

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Compartment and Entry Door Switches: Exterior circuits such as loading lights, side scene lights and compartment lights should be activated by low amperage, non-mechanical switches. The type of switch desired is a magnetic sensitive switch that activates the circuit when the magnetic plane is broken. Plunger type switches are not acceptable because of their short useful life and higher amperage requirements.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

A vehicle graphic door open warning indicator, with accompanying audible chime should be installed in both the cab and patient area. A digital display should appear on both consoles indicating which specific door has been left ajar. Red flashing lights or systems that do not specifically pinpoint a specific open door will not be acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The electrical system smart modules should be independent and include their own logic. They should include RAM to execute commands without having to rely on a central CPU. The system should not be centered around the use of a logic-controlled microprocessor built into a single circuit board. This logic control system is required to maximize reliability of the electrical system and to minimize downtime. It should be provided in order to match the type of control system used in the chassis and to prevent communication problems caused when dissimilar systems are employed. The design of the system should totally separate chassis operation from converter feature installations. In the unlikely event of converter component failure, the chassis should still remain operable. The computer based electrical system should utilize components similar in design to the computerized chassis functions such as the OEM cruise control system, fuel feed system, transmission control system and braking system.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Multiplexed Electrical Communications System - Because most chassis manufacturers have chosen multiplex electrical communication technology to operate the chassis system, this purchaser requires the same technology for the converter-added systems. A standardized electrical control and wiring system is required. "Off the shelf" third party systems are not desired. Standard systems controlled by outside vendors and modified for a specific vehicle or manufacturer will not be acceptable due to the unpredictability for future parts or service. Switch panels or modules that are not standard in design and are not interchangeable from one unit to another will not be considered.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

In addition, the system will consist of a series of input/output control modules to manage and feed information and to control the various circuits required by this specification. Each smart module should have 32 power and 2 ground outputs and 12 inputs. The smart modules should have a chassis gateway interface with a 120-amp max output. Universal Mate-N-Lock connectors should be used for all load connections. Mini-Universal Mate-N-Lock connectors should be used for data transmission lines. Under no circumstances will systems be acceptable that utilize screw type terminals or card connectors due to their susceptibility to working loose due to vibration normally encountered on a vehicle.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Under no circumstances may the operation of the central processing unit or the input or output modules be based upon the operation of mechanical relays. Relay based systems require higher amperage operating current and rely on mechanical contact points designed to degrade with use, creating short duty cycles for the vehicle electrical system. Relay based systems, due to those limited short duty cycles, will not be acceptable for the requirements of this specification.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The electrical control system should be fully programmable and should control a number of functions. The minimum functions to be controlled are as follows: Load Management, Sequenced Start Circuit Activation, Electrical System Diagnostics, Climate Control Heat/AC operation, Intensity Controls for Patient Dome Lights, Oxygen Warning System (high and low pressure), All Warning Light Flashers and Flash Patterns, Patient Status System, Electrical Diagnostics

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The electrical control system should be capable of adding the following options: Up to four cameras, Emergency GPS, Pulse width Modulation, USB port for field upgradability, Seat belt monitor display, Remote system activation from a mobile device, Record ambulance PM schedule

The electrical control system should include the ability to manage user defined maintenance issues. It should also allow for the notification of critical issues such as oil changes and tire rotations.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Each converter added electrical circuit should have circuit protection for both over current limit and over temperature condition. The circuit protection should be provided by solid-state circuit breaker/switching devices (MOSFETS) for both the input and output wire feeds for each circuit. The circuit protection should require no user intervention such as that required for circuit breakers or fuses. The system should be able to indicate an output fault warning.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

No Prototype Systems - The converter-added electrical system represents the most important system in the design of this ambulance. Reliability and proven performance is essential. Therefore, the bidder should be able to demonstrate that they have at least ten years' experience with solid state logic-controlled electrical systems installed in emergency vehicles. Further, the bidder should be capable of all programming required by the system without turning to outside vendors. This includes custom-programmed items as may be delineated in this specification.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The bidder may be required to demonstrate an in-production or in-service vehicle in order to guarantee compliance with this requirement. Prototype or first-of-a-kind electrical systems are not acceptable. The purchaser may require the bidder to furnish specific references to further document compliance.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The following minimum wiring standards are required:

- Identification by color, by itemized number, and by actual circuit name, stamped every 4-6"
- Size will vary and will be dependent upon each wire being able to carry a minimum of 125% of the actual circuit load.
- All wiring should be run in breakaway wire loom for protection against abrasion or chafing.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Diagnostics - The electrical system should have built-in capability to self-check each converter-added circuit and identify a short or open circuit automatically. The system should be designed to continuously monitor all outputs and to notify the operator of any faults via a message on the front control screen.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Support Data - Being able to service the electrical system should the need arise is of the utmost importance. To reduce the down time associated with servicing, the following information should be provided at the time of delivery:

1. Electrical system operating instructions
2. Patient area heating/AC schematic and parts list
3. Oxygen and vacuum system schematic, parts list and leak check instructions
4. Battery and alternator schematic and system description
5. Radio communications installation instructions
6. Wire description list for converter added wiring
7. Individual schematics for all converter added electrical circuits

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

INPOWER BATTERY SWITCH, WITH WAKE BUTTON 5 min - Install an InPower electronic battery switch. Switch is to activate battery power through the vehicle ignition and should include an automatic shutdown timer to deactivate battery power after the ignition is turned off.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The vehicle converter should furnish and install a Vanner #LSC12-1100 LifeSine Inverter/charger in the streetside intermediate compartment as noted. Inverter/battery status panels, if required, will be specified elsewhere. The unit should function 'on demand' and power all 110V outlets. The charger portion should be wired to provide power to the vehicle batteries from the specified shoreline.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Install 110V lighted interior outlets: 1 In Inhalation Area and 2 Front wall cabinet, 1 in each of the main wall cabinets, left side. An additional five (5) 110V outlets should be included and located at pre-build conference.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

INTERIOR 12V DC OUTLETS: CL TYPE/USB 1 In Inhalation Area, 1 In Upper Front Wall Cabinet and 1 in the passenger side of console - upper vertical side: 12V combination cigarette/USB style outlets are not be installed as noted and wired battery hot. An additional 5 12VDC outlets are to be included and located at pre-build conference. Add dual USB/12V to front console towards right side

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Shoreline 1, 20a super auto eject, white - A Kussmaul 20A Super Auto Eject shoreline inlet should be installed on the vehicle above the streetside (driver's side) intermediate compartment. The inlet should be protected from the elements with a hinged cover. The shoreline system should include a 20 amp inline GFI breaker. The shoreline cover should be white.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The onboard power distribution panel is to be located on the left wall of the streetside (driver's side) intermediate compartment. The panel is to be covered with an aluminum closeout to match the finish in that compartment. Access to the panel should be provided by removing the closeout.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

SHORELINE INDICATOR 1: An LED indicator light, showing power to the A.C. circuits and presence of activated primary shoreline should be installed above the shoreline inlet.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Extra 12V DC circuit breaker: intermediate Compartment should be installed

An extra circuit breaker should be installed.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Report lighting should be installed above the main counter/work area. The fixture should be 12" in length and LED. The fixture should be controlled via a switch on the attendant control panel. This design will allow for simple "one touch" operation while still providing for flexibility in terms of lighting needs.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

STEP WELL LIGHT VISTA LED - The side access door stepwell should include a 10.5" LED light on the left-hand side. The light should illuminate with the opening of the side access door through the use of a magnetic door switch. Mechanical door switches will not be accepted.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

2.5" CAB CEILING LIGHTS, WHITE/RED LED - One pair of LED cab ceiling lights should be installed in the cab headliner. These lights are to feature both clear and red LEDs and can be operated via a switch mounted to the light. Light functions should be 'OFF', 'CLEAR', and 'RED'.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Whelen 80COEHCR LED dome lights should be installed in the patient area ceiling. Patient area lighting is to meet applicable standards for patient area illumination. The lights should have a high/low feature with the switch in the rear control panel.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The manufacturer should install a 3-switch electrical control. The panel should match the style of switches used on the main control panels.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

DUMP OVERRIDE, i4G, REAR DOOR PANEL - A switch should be programmed into the specified switch panel on the interior panel of the right rear entry door to override the automatic dump feature for the rear suspension. Activation of this switch will prevent the automatic raising and lowering of the rear suspension that occurs with the opening of the left rear entry door.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The manufacturer should install a 3-switch electrical control. The panel is to match the style of switches used on the main control panels.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

An electronic momentary touch timer switch should be installed in the specified switch panel on the side access door panel. The switch will enable time limited operation of the specified dome lights with the battery switch in the 'off' position. Set timer to 15 minutes. Mechanical timers are strictly prohibited.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

All main wall interior cabinets should be equipped with LED cabinet lights. Lights should include a snap-in 45-degree clip for light dispersion and ease of replacement. LED's should be spaced a minimum of 1" apart. The lights should be controlled through a switch in the rear control panel.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

All bench overhead cabinet should be equipped with LED cabinet lights. Lights should include a snap-in 45-degree clip for light dispersion and ease of replacement. LED's should be spaced a minimum of 1" apart. The lights should be controlled through a switch in the rear control panel.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

HAND LIGHTS: STREAMLIGHT E-SPOT - The vehicle manufacturer is to supply and install Streamlight E-Spot #45855 light(s) as noted.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Provide and install 2 Stream light Fire Vulcan MFR 44450. Mount on front wall bulkhead.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

SECURITY IDLE SYSTEM, F SERIES - A solid-state security idling system should be provided on the vehicle. With the system in the 'on' position, via a switch in the main control panel, the driver may remove the vehicle keys with the engine running. If the vehicle is placed in gear or the brake pedal is depressed, without returning the keys to the ignition, the system will flash the marker lights and automatically shut down the engine to prevent vehicle theft. The desired system should be integrated into the vehicles programmed electrical system and should include a visual communication to the operator that the system is 'on'. Aftermarket add-on units are not acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

ENGINE HOUR METER

Engine hour meter should be included.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

An audible backup alarm should be installed to activate when the vehicle is placed into reverse gear. There should be, installed on the front console and wired through the vehicle electrical system, a momentary cutoff switch to disable the alarm. This switch should automatically reset each time the vehicle is placed into reverse gear.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Supply and install a 360-degree camera system. This system should consist of four (4) cameras feeding into the front control screen providing a 360-degree view around the vehicle. The system should stitch these views together to give an appearance on the screen of flying just above the unit where all four sides are visible at the same time. Each camera is to include a white housing for protection from the elements. Systems that do not include this protective housing will not be acceptable. Each housing is to incorporate four (4) red LED lights with clear lenses. Each light is to incorporate three (3) LEDs. These lights are to have the ability to function in emergency response mode, as additional turn signals, and when the vehicle is placed into reverse. The housings should be designed in such a way as to not allow the lights wash out the view from the front screen. Install a RVS-MV1619-N monitor for use with the 360 system.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

PROGRAMMING

The rear scene lights on either side of the vehicle should be programmed to be activated when the vehicle is placed into reverse gear. This is in addition to the other modes of operation as described elsewhere within this document. This feature should be attained through the programming of the onboard electrical system. Systems that require additional wiring in order to provide this feature are not acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The curb side scene lighting should be programmed to be activated when the patient compartment side access door is opened. This is in addition to the other modes of operation as described elsewhere within this document. This feature should be attained through the programming of the onboard electrical system. Systems that require additional wiring in order to provide this feature are not acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

LIGHT PROGRAMMING: LOAD LIGHT

The load lighting on the rear of the vehicle should be programmed to be activated when the vehicle is placed into reverse gear. This is in addition to the other modes of operation as described elsewhere within this document. This feature should be attained through the programming of the onboard electrical system. Systems that require additional wiring in order to provide this feature are not acceptable.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A white light cutoff switch should be installed in the front control panel that will deactivate all forward-facing white flashing lights.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

An audible low voltage alarm should be programmed to warn the operator should the vehicle's voltage drop below 11.8 volts for 120 seconds. This function is to operate through the onboard converter-install electrical system.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

When the vehicle is placed into 'Park' or 'Neutral' with the "Module Disconnect" switch 'On', then an audible alarm, accompanied by a visual readout on the cab console digital display, should warn the vehicle operator to engage the emergency brake. Likewise, when the vehicle is placed into gear, then the same alarm will sound with a visual display warning the operator to disengage the emergency brake.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The lower red flashing lights on the rear of the vehicle are to operate as supplemental brake lights. When in emergency response mode this programming is to allow the lights to flash as warning lights until the brake pedal is depressed. They will continue to operate as brake lights until the brake is released at which point they will return to flashing.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

CAB LIGHT CONTROL - The specified patient area dome lighting should be controlled through switching available in the front control panel. This is in addition to the normal switching specified elsewhere.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

HVAC

INTEGRATED RECESSED A/C CONDENSER, F SERIES

A condenser should be recessed into the roof and plumbed to the specified A/C system. The unit should be installed in a position to not interfere with the front wall lighting or the height of the vehicle.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The external condenser should be capable of producing a minimum of 100,000 BTUs of cooling capacity.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The condenser should have a minimum of four flat mounted smart fans with a minimum flat surface area of 825 square inches. The smart condenser system should activate fans one at a time based on system demand. The system should reduce and optimize condenser AMP draw while reducing wear and tear on alternators and batteries. The 100,000 BTU's of added capacity will also reduce high head load on compressors while ensuring best performance in high temp and high humidity climates. This will ultimately increase the life of the unit.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

The Condenser design should offer protection in harsh climates from salt and other chemicals used to melt snow and ice. The unit should have consistent performance due to reduced impact from mud, dirt, rocks, tar and other road debris. The unit should have easy access for maintenance and service. The condenser mount should be easily accessible and allow for easy cleaning.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A ProAir 12V heat/AC system with brushless motor should be installed beneath the attendant's seat. The unit should be housed in a crash tested vented seat base. Air intake should be through the seat base with output located over the head of the attendant's seat to create a circular uniform airflow throughout the patient compartment. The mounting plate for the attendant's seat should be hinged with two bolts securing it in place. Access to the unit for maintenance should be attained by flipping the attendant's seat up.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The BTU and CFM ratings on the evaporator should be as follows:

Heat: 65,000BTU

A/C: 32,000BTU

CFM: 650 CFM

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

An NFPA compliant venting system, to include a 400cfm exhaust fan along with a static vent, is to be installed. Install 9.5" square cast covers on both vents per drawings. Activation of the venting system is to be through the rear control panel.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

RADIO

ANTENNA COAX 1 Start: Cab Console, End: Front Center of Mod Roof - An RG 58U coax should be installed so that the ambulance conversion need not be disassembled for installation at a later date.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

ANTENNA COAX 2 Start: Inhalation Wall, End: Center of Mod Roof - A second RG 58U coax should be installed so that the ambulance conversion need not be disassembled for installation at a later date.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Bidder should provide and install a 3/8" NMO antenna mount in conjunction with the coax specified as 'Coax #1'.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Bidder should provide and install a 3/8" NMO antenna mount in conjunction with the coax specified as 'Coax #2'.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Bidder should provide and install a 3/8" NMO antenna mount in conjunction with the coax specified as 'Coax #3'.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

CONSOLE, LINE-X, W/MAP STORAGE, F SERIES - An aluminum console should be installed in the cab. The console should be installed at floor level and should allow space for siren and radio head installation. The rear section of the console will have three storage sections for maps, books etc. The console should be covered with black polyurethane elastomeric coating. The top of the console should be on a slant and should house the emergency control panel and display. Under no circumstances should the console interfere with the OEM vehicle controls or gauges, nor should the control panel be installed in such a manner as to interfere with either the OEM vehicle controls, gauges, or the driver's line of vision. Recess the front control panel into the console face plate.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Two (2) dual tier style cupholders should be installed in the front console with easy access from both the driver's and the passenger's seats.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

POWER TERMINAL, DUAL, INSIDE CONSOLE - Battery hot, battery switched and ground studs are to be installed inside the console.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

POWER TERMINAL, DUAL, INHALATION PANEL - Battery hot, battery switched and ground studs should be provided behind the inhalation panel.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

OXYGEN

O2 MOUNT, VERT TRACK FOR QRM-V - Vertical track for mounting of the specified QRM-V O2 bottle mount should be welded on the back wall of the streetside forward compartment in the right-hand corner. The bracket is to be set up for an 'M' sized cylinder. Methods of attachment other than welding will not be accepted. Method of bottle bracket installation should meet all applicable standards.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

A Zico QRM-V oxygen cylinder bracket should be installed in the streetside forward compartment and set up for an 'M' bottle.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Access to the oxygen cylinder valve through the wall from the vehicle interior is required. The door should be hinged so that it swings into the oxygen cylinder storage compartment. Door material should match other specified cabinet doors. The opening should be 7" wide x 11" high and trimmed with anodized aluminum.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

O2 OUTLET, OHIO MEDICAL 1 in the inhalation panel, 1 forward end of bench and 1 in the ceiling above chest of cot. Outlets to be Ohio Medical style.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

OXYGEN WRENCH - A cylinder wrench should be installed inside the oxygen compartment. The wrench should be installed in such a way as it will not move or rattle. The wrench should be chained to the compartment so that it cannot be removed, however, the chain or cable used should not interfere with the operation of the wrench.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

ASPIRATOR, SSCOR, INHALATION AREA - furnish and install an SSCOR suction system. The system should include a wall-mounted regulator and a canister holder. The aspirator should be accessible for use from the inhalation area per the attached prints and plumbed to the specified pump.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The aspirator system should be operated through a CFP #107CDC20 12V vacuum pump that is located inside an exterior compartment. The pump should be activated by a switch on the inhalation area electrical control panel.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

QR-D-2 Strapless Bottle locations, Mount 2 QRD2 behind attendant seat

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Prewire and install customer supplied Power Load System.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

The bidder is required to install customer supplied radios and communications equipment including 3 radios and MDT mount.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

Complete identical graphics/lettering to match the Union fleet should be applied to the vehicle.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

Two fire extinguishers and one triangle set should be provided and installed in each vehicle.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

CERTIFICATIONS

KKK-A-1822F CERTIFICATION LABEL

The vehicle should have weight/payload, electrical load, and the **current KKK-A-1822 certification stickers installed in the O2 compartment on the truck.**

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

CHANGE NOTICE 10 CERTIFICATION

The finished vehicle should be certified to comply with Change Notice 10 requirements.

EXACT COMPLIANCE: _____ YES _____ NO*

*DEVIATIONS _____

NAME OF BIDDER: _____

HAVING CAREFULLY READ THE NOTICE TO BIDDERS, SPECIFICATIONS AND INSTRUCTIONS TO BIDDERS, THE UNDERSIGNED HEREBY AGREES TO PROVIDE AMBULANCES FOR THE DIVISION OF EMERGENCY MANAGEMENT OF THE COUNTY OF UNION IN ACCORDANCE TO THE SPECIFICATIONS. **DO NOT ALTER THE FORMAT OF THE BID FORM PAGE IN ANY MANNER UNDER THE PENALTY OF DISQUALIFICATION.**

QUANTITY (MORE OR LESS)	DESCRIPTION	x	UNIT PRICE	=	TOTAL
5	AMBULANCES	x	\$_____	=	\$_____ (NOT TO EXCEED)

MAKE, MODEL, YEAR _____

Service Shop Location: _____

(must be within 15 miles of 400 North Ave E., Westfield NJ 07090)

DELIVERY* _____ DAYS AFTER AWARD OR ORDER (MAY BE A FACTOR IN AWARD)

*NOTE: DELIVERY SHOULD BE WITHIN 730 DAYS

NAME OF BIDDER: _____

BIDDER SIGNATURE PAGE

Rev. 9/20/05

1. If doing business under a **trade name, partnership** or a **sole proprietorship**, you must submit the bid under **exact title** of the trade name, partnership, or proprietorship, and the bid must be signed by either the **owner** or a **partner** and **witnessed** by a **notary public**.
2. If a **Corporation**, the bid must be signed by the **President** or **Vice President** and **witnessed** by **Corporate Secretary**, (Corporate title must be exact) and **affix corporate seal**.
3. Other persons **authorized** by **Corporate Resolution** to execute agreements in its behalf may also sign the bid documents (pages).
4. The Person who signs this bid form **must also sign** the **Non-Collusion Affidavit**.
5. You **cannot** witness your own signature.

NAME OF BIDDER

SIGNATURE
CORPORATE SECRETARY

ADDRESS OF BIDDER

PRINT NAME AND TITLE
CORPORATE SECRETARY

TELEPHONE: _____

FAX: _____

EMAIL: _____

BY: _____
SIGNATURE

DATE

AFFIX CORPORATE SEAL

PRINT OR TYPE NAME AND TITLE

WARNING: FAILURE TO FULLY, ACCURATELY, AND COMPLETELY SUPPLY THE INFORMATION REQUESTED ON THIS PAGE MAY RESULT IN THE REJECTION OF YOUR BID AS NON-RESPONSIVE

BUSINESS REGISTRATION

Mandatory Requirement

Pursuant to N.J.S.A. 52:32-44, the County of Union (“Contracting Agency”) is prohibited from entering into a contract with an entity unless the bidder/proposer/contractor, and each subcontractor that is required by law to be named in a bid/proposal/contract has a valid Business Registration Certificate on file with the Division of Revenue and Enterprise Services within the Department of the Treasury.

Prior to contract award or authorization, the contractor shall provide the Contracting Agency with its proof of business registration and that of any named subcontractor(s).

Subcontractors named in a bid or other proposal shall provide proof of business registration to the bidder, who in turn, shall provide it to the Contracting Agency prior to the time a contract, purchase order, or other contracting document is awarded or authorized.

Proof of registration must show that the bidder was in fact registered with the State of New Jersey Department of the Treasury, Division of Revenue and obtained the business registration prior to the receipt of bids. If subcontractors are named on the bid, proof of the business registration for each must be provided prior to the award of a contract. Similarly to the bidder, the proof must show that each subcontractor was registered with the State of New Jersey Department of the Treasury, Division of Revenue and obtained the business registration prior to the receipt of bids.

Proof of business registration shall be:

- A copy of a Business Registration Certificate issued by the Department of Treasury, Division of Revenue; or
- A copy of the web printed version provided by the NJ Division of Revenue



STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE	
Taxpayer Name:	TAX REG TEST ACCOUNT
Trade Name:	
Address:	847 ROEBLING AVE TRENTON, NJ 08611
Certificate Number:	1093907
Date of Issuance:	October 14, 2004
For Office Use Only:	
20041014112813533	

ATTACH BRC HERE

STATEMENT OF OWNERSHIP DISCLOSURE

N.J.S.A. 52:25-24.2 (P.L. 1977, c.33, as amended by P.L. 2016, c.43)

This statement shall be completed, certified to, and included with all bid and proposal submissions. Failure to submit the required information is cause for automatic rejection of the bid or proposal.

Name of Organization: _____

Organization Address: _____

Part I Check the box that represents the type of business organization:

- Sole Proprietorship (skip Parts II and III, execute certification in Part IV)
- Non-Profit Corporation (skip Parts II and III, execute certification in Part IV)
- For-Profit Corporation (any type) Limited Liability Company (LLC)
- Partnership Limited Partnership Limited Liability Partnership (LLP)
- Other (be specific): _____

Part II

The list below contains the names and addresses of all stockholders in the corporation who own 10 percent or more of its stock, of any class, or of all individual partners in the partnership who own a 10 percent or greater interest therein, or of all members in the limited liability company who own a 10 percent or greater interest therein, as the case may be. **(COMPLETE THE LIST BELOW IN THIS SECTION)**

OR

No one stockholder in the corporation owns 10 percent or more of its stock, of any class, or no individual partner in the partnership owns a 10 percent or greater interest therein, or no member in the limited liability company owns a 10 percent or greater interest therein, as the case may be. **(SKIP TO PART IV)**

(Please attach additional sheets if more space is needed):

Name of Individual or Business Entity	Home Address (for Individuals) or Business Address

Part III DISCLOSURE OF 10% OR GREATER OWNERSHIP IN THE STOCKHOLDERS, PARTNERS OR LLC MEMBERS LISTED IN PART II

If a bidder has a direct or indirect parent entity which is publicly traded, and any person holds a 10 percent or greater beneficial interest in the publicly traded parent entity as of the last annual federal Security and Exchange Commission (SEC) or foreign equivalent filing, ownership disclosure can be met by providing links to the website(s) containing the last annual filing(s) with the federal Securities and Exchange Commission (or foreign equivalent) that contain the name and address of each person holding a 10% or greater beneficial interest in the publicly traded parent entity, along with the relevant page numbers of the filing(s) that contain the information on each such person. **Attach additional sheets if more space is needed.**

Website (URL) containing the last annual SEC (or foreign equivalent) filing	Page #'s

Please list the names and addresses of each stockholder, partner or member owning a 10 percent or greater interest in any corresponding corporation, partnership and/or limited liability company (LLC) listed in Part II **other than for any publicly traded parent entities referenced above.** The disclosure shall be continued until names and addresses of every noncorporate stockholder, and individual partner, and member exceeding the 10 percent ownership criteria established pursuant to N.J.S.A. 52:25-24.2 has been listed. **Attach additional sheets if more space is needed.**

Stockholder/Partner/Member and Corresponding Entity Listed in Part II	Home Address (for Individuals) or Business Address

Part IV Certification

I, being duly sworn upon my oath, hereby represent that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I acknowledge: that I am authorized to execute this certification on behalf of the bidder/proposer; that the **County of Union** is relying on the information contained herein and that I am under a continuing obligation from the date of this certification through the completion of any contracts with **County of Union** to notify the **County of Union** in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I am subject to criminal prosecution under the law and that it will constitute a material breach of my agreement(s) with the, permitting the **County of Union** to declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print):		Title:	
Signature:		Date:	

NON-COLLUSION AFFIDAVIT

Rev. 1/22/93

STATE OF _____

SS:

COUNTY OF _____

I _____ of the City of _____, in the County of _____ and the State of _____, of full age, being duly sworn according to law, on my oath depose and say that: I am _____ of the firm of _____, the bidder making the Proposal for the above named project, and that I executed the said Proposal with full authority to do so; that said bidder has not, directly or indirectly, entered into any agreement, participation in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and that all statements contained in said Proposal and in this Affidavit are true and correct, and made with full knowledge that the COUNTY OF UNION, NEW JERSEY relies upon the truth of the statements contained in said Proposal and in the statements contained in the affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by _____ (N.J.S.A. 52:34-15).

NAME OF CONTRACTOR

Sign Name Here

(Original signature only; stamped signature not accepted)

Subscribed and sworn to before
Me this _____ day of _____, 20____.

Notary Public of the State of _____

My Commission expires _____

NOTE TO NOTARY: WHEN COMPLETING THIS JURAT, ALL NOTARIES MUST:

- 1. Indicate date. 2. Indicate State. 3. Sign name. 4. Affix name by Printing it, typing it, using a rubber stamp, using an impression seal or using a mechanical stamp.

Note: The person who signed the bid form for the bidder should sign this form also.

WARNING: IF YOU FAIL TO FULLY, ACCURATELY AND COMPLETELY FILL OUT THIS AFFIDAVIT OF NON-COLLUSION, YOU BID WILL BE REJECTED.

AFFIRMATIVE ACTION REQUIREMENT

Rev. 6/29/93

REQUIRED AFFIRMATIVE ACTION EVIDENCE

General Requirements of P.L. 1975, c. 127: You are hereby put on notice that:

A. Procurement, Professional & Service Contracts

All successful vendors must submit within seven days of the notice of intent to award or the signing of the contract one of the following: **PLEASE CHECK ONE**

A photocopy of your Federal Letter of Affirmative Action Plan Approval

OR

A photocopy of your Certificate of Employee Information Report

OR

A completed Affirmative Action Employee Information Report (AA302)

If successful vendor does not submit the affirmative action document within the seven days the County of Union will declare the vendor as being non-responsive and award the contract to the next lowest bidder.

Print or type FIRM NAME here

Sign NAME and TITLE here
(Original signature only, stamped signature not accepted)

Print or type NAME and TITLE here

Print or type DATE

AMERICANS WITH DISABILITIES ACT

EQUAL OPPORTUNITY FOR INDIVIDUALS WITH DISABILITIES

The contractor and the **County of Union** (hereafter "Owner") do hereby agree that the provisions of Title II of the Americans With Disabilities Act of 1990 (the "Act") (42 U.S.C. S12.101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. In providing any aid, benefit, or service on behalf of the Owner pursuant to this contract, the contractor agrees that the performance shall be in strict compliance with the Act. In the event the contractor, its agents, servants, employees, or subcontractors violate or are alleged to have violated the Act during the performance of this contract, the contractor shall defend the Owner in any action or administrative proceeding commenced pursuant to this Act. The contractor shall indemnify, protect, and save harmless the Owner, its agents, servants, and employees from and against any and all suits, claims, losses, demands, or damages of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The contractor shall, at its own expense, appear, defend, any pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the Owner's grievance procedure, the contractor agrees to abide by any decision of the Owner which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the Owner, or if the Owner incurs any expense to cure a violation of the ADA which has been brought pursuant to its grievance procedure, the contractor shall satisfy and discharge the same at its own expense.

The Owner shall, as soon as practicable after a claim has been made against it, give written notice thereof to the contractor along with full and complete particulars of the claim. If any action or administrative proceeding is brought against the Owner or any of its agents, servants, and employees, the Owner shall expeditiously forward or have forwarded to the contractor every demand, complaint, notice, summons, pleading, or other process received by the Owner or its representatives.

It is expressly agreed and understood that any approval by the Owner of the services provided by the contractor pursuant to this contract will not relieve the contractor of the obligation to comply with the Act and to defend, indemnify, protect, and save harmless the Owner pursuant to this paragraph.

It is further agreed and understood that the Owner assumes no obligation to indemnify or save harmless the contractor, its agents, servants, employees and subcontractors for any claim which may arise out of their performance of this Agreement. Furthermore, the contractor expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the contractor's obligations assumed in this Agreement, nor shall they be construed to relieve the contractor from any liability, nor preclude the Owner from taking any other actions available to it under any other provisions of this Agreement or otherwise at law.

Name _____ (Please print or type)

Signature _____ Date _____

NAME OF BIDDER: _____

COUNTY OF UNION NEW JERSEY
Division of Purchasing
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN FORM

Solicitation Number: _____ Vendor/Bidder: _____

PART 1

CERTIFICATION

VENDOR/BIDDER MUST COMPLETE PART 1 BY CHECKING ONE OF THE BOXES

FAILURE TO CHECK ONE OF THE BOXES WILL RENDER THE PROPOSAL NON-RESPONSIVE

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that neither the person nor entity, nor any of its parents, subsidiaries, or affiliates, is identified on the State of New Jersey, Department of the Treasury's Chapter 25 list as a person or entity engaged in investment activities in Iran. The Chapter 25 list is found on the Department's website at <http://www.state.nj.us/treasury/pdf/Chapter25List.pdf>. Vendors/Bidders **must** review this list prior to completing the below certification. **Failure to complete the certification will render a Vendor's/Bidder's proposal non-responsive.** If the Director of the Division of Purchase and Property finds a person or entity to be in violation of the law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

CHECK THE APPROPRIATE BOX

A. I certify, pursuant to Public Law 2012, c.25, that neither the Vendor/Bidder listed above nor any of its parents, subsidiaries, or affiliates is listed on the N.J. Department of Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). Disregard Part 2 and complete and sign the Certification below.

OR

B. I am unable to certify as above because the Vendor/Bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the Department's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below and sign and complete the Certification below. Failure to provide such information will result in the proposal being rendered as non-responsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.

PART 2

PLEASE PROVIDE ADDITIONAL INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN

If you checked Box "B" above, provide a detailed, accurate and precise description of the activities of the Vendor/Bidder, or one of its parents, subsidiaries or affiliates, engaged in investment activities in Iran by completing the information below.

ENTITY NAME: _____
RELATIONSHIP TO VENDOR/BIDDER: _____
DESCRIPTION OF ACTIVITIES: _____
DURATION OF ENGAGEMENT: _____
ANTICIPATED CESSATION DATE: _____
VENDOR/BIDDER CONTACT NAME: _____
VENDOR/BIDDER CONTACT PHONE#: _____

Attach Additional Sheets If Necessary

CERTIFICATION

I, the undersigned, certify that I am authorized to execute this certification on behalf of the Vendor/Bidder, that the foregoing information and any attachments hereto, to the best of my knowledge are true and complete. I acknowledge that the County of Union, New Jersey is relying on the information contained herein, and that the Vendor/Bidder is under a continuing obligation from the date of this certification through the completion of any contract(s) with the County of Union to notify the County of Union in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification. If I do so, I will be subject to criminal prosecution under the law, and it will constitute a material breach of my agreement(s) with the County of Union, permitting the County of Union to declare any contract(s) resulting from this certification void and unenforceable.

Signature

Date

Print Name and Title

Revised 10/19/17

BYRD ANTI-LOBBYING AMENDMENT CERTIFICATION
(To be submitted with each bid, proposal or offer exceeding \$100,000)

The undersigned, [Company] _____ certifies, to the best of his or her knowledge, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, [Company] _____, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.

Signature of Contractor's Authorized Representative

Name and Title of Contractor's Authorized Representative

Date

CERTIFICATION REGARDING LOBBYING

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents of all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, United States Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Organization: _____

Street address: _____

City, State, Zip: _____

CERTIFIED BY: (type or print)

TITLE: _____

(signature)

(date)

ISCLOSURE OF LOBBYING ACTIVITIES (LLL Form)

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352 0348-0046

N/A – My agency does not engage in any lobbying activities

<p>1. Type of Federal Action:</p> <p><input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance</p>	<p>2. Status of Federal Action:</p> <p><input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. Initial award <input type="checkbox"/> c. Post-award</p>	<p>3. Report Type:</p> <p><input type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change</p> <p>For Material Change Only: year _____ quarter _____ date of last report _____</p>
<p>4. Name and Address of Reporting Entity:</p> <p><input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known:</p> <p>Congressional District, if known:</p>	<p>5. If Reporting Entity in NO.4 is a Subawardee, enter Name and Address of Prim:</p> <p>Congressional District, if known:</p>	
<p>6. Federal Department/Agency:</p>	<p>7. Federal Program Name/Description:</p> <p>CDFA NUMBER, if applicable _____</p>	
<p>8. Federal Action Number, if known:</p>	<p>9. Award Amount, if known:</p> <p align="center">\$ _____</p>	
<p>10. a. Name and address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i></p>	<p>b. Individuals Performing Services <i>(including address if different from No. 10a) (las name, first name, MI):</i></p>	
<p>11. Information request through this form is authorized by title 31 U.S.C. Section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>	<p>Signature: _____ Print Name: _____ Title: _____ Telephone NO.: _____ Date: _____</p>	

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract, grant, or loan award number, the application/proposal control number assigned by the Federal agency.) Include prefixes, e.g. "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. A) Enter the full name, address, city, state and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.
B) Enter the full names of the individual(s) performing services, and include full address if different from 10(a). Enter last name, first name and middle initial (MI).
11. The certifying official shall sign and date the form; print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimated or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-10046), Washington, DC 20503.
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COUNTY OF UNION
ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA

The undersigned Bidder hereby acknowledges receipt of the following Addenda(s):

<u>Addendum Number</u>	<u>Dated</u>	<u>Acknowledge Receipt</u> (Initial)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Acknowledged for: _____
(Name of Bidder)

By: _____
(Signature of Authorized Representative)

Name: _____
(Print or Type)

Title: _____

Date: _____

Please Do Not submit if you did not receive Addenda(s)

NAME OF BIDDER: _____

WARRANTY

ATTACH OR PROVIDE DESCRIPTION OF THE WARRANTY.

NAME OF BIDDER: _____

MANUFACTURER'S PAINT WARRANTY

ATTACH OR PROVIDE DESCRIPTION OF MANUFACTURER'S PAINT WARRANTY.

NAME OF BIDDER: _____

REFERENCES

ATTACH OR PROVIDE COPY OF THREE (3) REFERENCES.

NAME OF BIDDER: _____

OPERATOR AND PARTS MANUAL(S)

ATTACH OR PROVIDE COPY OF OPERATOR AND PARTS MANUAL(S).

NAME OF BIDDER: _____

QVM CERTIFICATION

ATTACH OR PROVIDE COPY OF QVM CERTIFICATION.

NAME OF BIDDER: _____

RADIUS FROM COUNTY OF UNION

PROVIDE A COPY OF A MAP SHOWING THE DISTANCE (miles) FROM THE SERVICE SHOP TO 400 NORTH AVE E., WESTFIELD NJ 07090.

NAME OF BIDDER: _____

CAD DRAWINGS OF PATIENT AREA INTERIOR & MODULE BODY

Attach or provide copy of CAD Drawings of Patient Area Interior & Module Body

NAME OF BIDDER: _____